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Nº 196

Economic Research Aid

ECONOMIC INTELLIGENCE  
STATISTICAL HANDBOOK

1962



CIA/RR A.ERA 62-4

June 1962

CENTRAL INTELLIGENCE AGENCY

Office of Research and Reports

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CENTRAL INTELLIGENCE AGENCY  
Washington 25, D.C.

20 September 1962

MEMORANDUM FOR: Recipients of CIA/RR A.ERA 62-4, Economic Intelligence Statistical Handbook, 1962 (Handbook), June 1962, SECRET.

SUBJECT : Revision of Data

Please make the following revisions of data that appeared in the Handbook. These revisions are necessitated by the receipt of information that substantially alters the data currently reflected in the Handbook.

1. Table 120, page 117 -- Highway Freight Traffic in Tons Carried

	<u>Million Metric Tons Carried</u>	
	<u>1958</u>	<u>1960</u>
Sino-Soviet Bloc	7,790*	
European Satellites	1,120*	1,450*
Poland	332*	392*

2. Table 138, page 133 -- Inventory of Radio Receivers in Public Use

	<u>1965 Plan</u>
USSR	42,800*

FOR THE ASSISTANT DIRECTOR, RESEARCH AND REPORTS:

25X1A9a

  
Chief, Publications Staff

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WARNING

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## FOREWORD

### 1. Objectives and scope

The *Economic Intelligence Statistical Handbook, 1962* is a statistical presentation of economic factors helpful in analyzing the economies of the countries of the Sino-Soviet Bloc\* and in comparing these economies with the economies of the countries of the North Atlantic Treaty Organization (NATO).\*\* The over-all classification of the *Handbook* is SECRET.

The data for the *Handbook* are presented for the years 1950, 1955, 1958, 1960, 1961, and 1965, with the exception of the data for individual countries of NATO and the Free World, which are presented for 1950 and the latest year available. Data for 1965 are official plans, estimated plans based on announced increases, or estimated production based on intelligence information. In the tables the title, the stub, and the footnotes indicate the countries covered. Certain of the more important economic data are presented graphically and in summary tables. The summary tables present selected economic indicators for all the countries of the Sino-Soviet Bloc and for India and Cuba. Data for Cuba, when available, have been entered in all tables.

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\*Including the USSR, Communist China, North Korea, North Vietnam, Albania, Bulgaria, Czechoslovakia, East Germany, Hungary, Poland, and Rumania.

\*\*Including the US, Belgium, Canada, Denmark, France, Greece, Iceland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Turkey, the UK, and West Germany. The Saar has been treated as a separate entity for certain commodities because its industrial production often is listed separately in the sources used. Data for Alaska and Hawaii, when available, have been included in the total for the US.

### 2. Sources and Reliability

In the *Handbook* for 1962, estimates for the Sino-Soviet Bloc are as of 1 May 1962 and generally are estimates maintained by this Office. When estimates other than those of this Office are used, specific source references are given. Data for countries of NATO generally are from unclassified publications of the United Nations and the Organization for Economic Cooperation and Development (OECD) and from official publications of the individual countries. Data for the most recent year presented are frequently preliminary and subject to revision. Reasonable care has been exercised in selecting sources, and every effort has been made to make the data for the Bloc and NATO consistent as to subject matter.

### 3. Footnotes and Symbols

The importance of the footnotes in the tables cannot be overstressed. These footnotes are used for exceptions to data in the tables and should be noted carefully. In the tables the abbreviations *N.A.* (not available) and *Negl.* (negligible) are used. The abbreviation *N.A.* is used when information as to the existence of the data or the magnitude of the data is not available. The abbreviation *Negl.* is used when data are known to exist but, when recorded in terms of the number of digits used, are less than can be shown. An asterisk (\*) indicates that the data are unclassified. The unclassified data may be official unclassified data of the countries concerned or may be unclassified estimates of this Office. All of the data indicated with an asterisk should be handled as OFFICIAL USE ONLY.

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#### 4. *Rounding and Totals*

Within each table, data for the individual countries have been rounded consistently to permit maximum use of available information. Because of the limitations in accuracy of the totals for NATO, for the Sino-Soviet Bloc, and for the European Satellites, totals, which are in boldface type, have been rounded, with few exceptions, to three significant digits. In general, zeroes appearing after the last nonzero number following the decimal point are not significant but are used merely for consistency in presentation. Because of rounding, components may not add to the totals shown.

No adjustment is made in the data to compensate for gaps in intelligence. Totals are omitted, however, if the missing data are believed to represent a significant part

of the total. Excluded are the countries of the Bloc in which little or no production takes place or for which data are not available.

#### 5. *Political Boundaries*

Unless otherwise indicated, all data relate to present political boundaries.

The *Economic Intelligence Statistical Handbook* was prepared in the Office of Research and Reports (ORR), Central Intelligence Agency. Statistical research on data for the Free World and compilation of data for all countries and commodities was performed by the Economic Accounts Section, Publication Staff, ORR, and research on all data for the Sino-Soviet Bloc was performed by the pertinent specialists in ORR.

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SELECTED CONVERSION FACTORS  
(Weights and Measures)

To Convert from	To	Multiply by
Tons (short)	Tons (metric)	0.907185
Tons (long)	Tons (metric)	1.016047
Pounds	Tons (metric)	0.000453592
Ton-miles (short)	Ton-kilometers (metric)	1.459975
Miles (US, statute)	Kilometers	1.609347
Miles (nautical)	Kilometers	1.85325
Feet	Meters	0.304801
Yards (square)	Meters (square)	0.836131
Acres	Hectares	0.404687
Miles (square)	Hectares	259
Miles (square)	Kilometers (square)	2.59
Feet (cubic)	Meters (cubic)	0.028317
Meters (square)	Feet (square)	10.763865
Kilometers (square)	Hectares	100
Register tons	Cubic meters	2.83
Conversion Factors for Chinese Communist Data		
Shih chih (Chinese foot)	Meters	0.3333
Shih chih (Chinese foot)	Feet	1.0936
Shih li (length)	Kilometers	0.5000
Shih li (length)	Miles	0.3107
Shih mou (area)	Hectares	0.06667
Shih mou (area)	Acres	0.1647
Shih chin (or catty) <sup>a</sup>	Kilograms	0.5000
Shih chin (or catty)	Pounds	1.1023
Shih liang (or tael)	Grams	50
Shih liang (or tael)	Ounces	1.7637

<sup>a</sup> After 25 June 1959, 10 shih liang (tael) equal 1 shih chin (catty). Before 1959, 16 shih liang equaled 1 shih chin. The old shih liang is still to be used for prescribing traditional Chinese medicines.

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AVERAGE ANNUAL RATE OF INCREASE a/

Percent Increase	Number of Years																			
	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
5	1.6	1.2	1.0	0.8	0.7	0.6	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	
6	2.0	1.5	1.2	1.0	0.8	0.7	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	
7	2.3	1.7	1.4	1.1	1.0	0.8	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	
8	2.6	1.9	1.6	1.3	1.1	1.0	0.9	0.8	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	
9	2.9	2.2	1.7	1.4	1.2	1.1	1.0	0.9	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.4	
10	3.2	2.4	1.9	1.6	1.4	1.2	1.1	1.0	0.9	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.5	
11	3.5	2.6	2.1	1.8	1.5	1.3	1.2	1.0	1.0	0.9	0.8	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.5	
12	3.8	2.9	2.3	1.9	1.6	1.4	1.3	1.1	1.0	0.9	0.8	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.5	
13	4.2	3.1	2.5	2.1	1.8	1.5	1.4	1.2	1.1	1.0	0.9	0.8	0.7	0.7	0.7	0.6	0.6	0.5	0.5	
14	4.5	3.3	2.7	2.2	1.9	1.7	1.5	1.3	1.2	1.1	1.0	0.9	0.8	0.8	0.7	0.7	0.7	0.6	0.6	
15	4.8	3.6	2.8	2.4	2.0	1.8	1.6	1.4	1.3	1.2	1.1	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.7	
16	5.1	3.8	3.0	2.5	2.1	1.9	1.7	1.5	1.4	1.2	1.1	1.1	1.0	0.9	0.9	0.8	0.8	0.7	0.7	
17	5.4	4.0	3.2	2.7	2.3	2.0	1.8	1.6	1.4	1.3	1.2	1.1	1.1	1.0	0.9	0.9	0.8	0.8	0.8	
18	5.7	4.2	3.4	2.8	2.4	2.1	1.9	1.7	1.5	1.4	1.3	1.2	1.1	1.0	1.0	0.9	0.9	0.8	0.8	
19	6.0	4.4	3.5	2.9	2.5	2.2	2.0	1.8	1.6	1.5	1.3	1.3	1.2	1.1	1.0	1.0	0.9	0.9	0.9	
20	6.3	4.7	3.7	3.1	2.6	2.3	2.0	1.8	1.7	1.5	1.4	1.3	1.2	1.1	1.1	1.0	1.0	0.9	0.9	
21	6.6	4.9	3.9	3.2	2.8	2.4	2.1	1.9	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.1	1.0	1.0	1.0	
22	6.9	5.1	4.1	3.4	2.9	2.5	2.2	2.0	1.8	1.7	1.5	1.4	1.3	1.2	1.1	1.1	1.1	1.0	1.0	
23	7.1	5.3	4.2	3.5	3.0	2.6	2.3	2.1	1.9	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.1	1.1	1.0	
24	7.4	5.5	4.4	3.7	3.1	2.7	2.4	2.2	2.0	1.8	1.7	1.5	1.4	1.3	1.2	1.1	1.1	1.1	1.1	
25	7.7	5.7	4.6	3.8	3.2	2.8	2.5	2.3	2.1	1.9	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.1	1.1	
26	8.0	5.9	4.7	3.9	3.4	2.9	2.6	2.3	2.0	1.9	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.1	1.1	
27	8.3	6.2	4.9	4.1	3.5	3.0	2.7	2.4	2.2	2.0	1.9	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.1	
28	8.6	6.4	5.1	4.2	3.6	3.1	2.8	2.5	2.3	2.1	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	
29	8.9	6.6	5.2	4.3	3.7	3.2	2.9	2.6	2.3	2.1	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	
30	9.1	6.8	5.4	4.5	3.8	3.3	3.0	2.7	2.4	2.2	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.1	
31	9.4	7.0	5.5	4.6	3.9	3.4	3.0	2.7	2.5	2.3	2.1	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.1	
32	9.7	7.2	5.7	4.7	4.0	3.5	3.1	2.8	2.6	2.3	2.2	2.0	1.9	1.8	1.6	1.6	1.5	1.4	1.1	
33	10.0	7.4	5.9	4.9	4.2	3.6	3.2	2.9	2.6	2.4	2.2	2.1	1.9	1.8	1.7	1.6	1.5	1.4	1.1	
34	10.2	7.6	6.0	5.0	4.3	3.7	3.3	3.0	2.7	2.5	2.3	2.1	2.0	1.8	1.7	1.6	1.6	1.5	1.1	
35	10.5	7.8	6.2	5.1	4.4	3.8	3.4	3.0	2.8	2.5	2.3	2.2	2.0	1.9	1.8	1.7	1.6	1.5	1.1	
36	10.8	8.0	6.3	5.3	4.5	3.9	3.5	3.1	2.8	2.6	2.4	2.2	2.1	1.9	1.8	1.7	1.6	1.5	1.1	
37	11.1	8.2	6.5	5.4	4.6	4.0	3.6	3.2	2.9	2.7	2.5	2.3	2.1	2.0	1.9	1.8	1.7	1.6	1.1	
38	11.3	8.4	6.7	5.5	4.7	4.1	3.6	3.3	3.0	2.7	2.5	2.3	2.2	2.0	1.9	1.8	1.7	1.6	1.1	
39	11.6	8.6	6.8	5.6	4.8	4.2	3.7	3.3	3.0	2.8	2.6	2.4	2.2	2.1	2.0	1.8	1.7	1.6	1.1	
40	11.9	8.8	7.0	5.8	4.9	4.3	3.8	3.4	3.1	2.8	2.6	2.4	2.3	2.1	2.0	1.9	1.8	1.7	1.1	
41	12.1	9.0	7.1	5.9	5.0	4.4	3.9	3.5	3.2	2.9	2.7	2.5	2.3	2.2	2.0	1.9	1.8	1.7	1.1	
42	12.4	9.2	7.3	6.0	5.1	4.5	4.0	3.6	3.2	3.0	2.7	2.5	2.4	2.2	2.1	2.0	1.9	1.8	1.1	
43	12.7	9.4	7.4	6.1	5.2	4.6	4.1	3.6	3.3	3.0	2.8	2.6	2.4	2.3	2.1	2.0	1.9	1.8	1.1	
44	12.9	9.5	7.6	6.3	5.3	4.7	4.1	3.6	3.3	3.0	2.8	2.6	2.5	2.3	2.2	2.0	1.9	1.8	1.1	
45	13.2	9.7	7.7	6.4	5.5	4.8	4.2	3.8	3.4	3.1	2.9	2.7	2.5	2.3	2.2	2.1	2.0	1.9	1.1	
46	13.4	9.9	7.9	6.5	5.6	4.8	4.3	3.9	3.5	3.2	3.0	2.7	2.6	2.4	2.3	2.1	2.0	1.9	1.1	
47	13.7	10.1	8.0	6.6	5.7	4.9	4.4	3.9	3.6	3.3	3.0	2.8	2.6	2.4	2.3	2.2	2.0	1.9	1.1	
48	14.0	10.3	8.2	6.8	5.8	5.0	4.5	4.0	3.6	3.3	3.1	2.8	2.6	2.5	2.3	2.2	2.1	2.0	1.1	
49	14.2	10.5	8.3	6.9	5.9	5.1	4.5	4.1	3.7	3.4	3.1	2.9	2.7	2.5	2.4	2.2	2.1	2.0	1.1	
50	14.5	10.7	8.4	7.0	6.0	5.2	4.6	4.1	3.8	3.4	3.2	2.9	2.7	2.6	2.4	2.3	2.2	2.0	1.1	
51	14.7	10.9	8.6	7.1	6.1	5.3	4.7	4.2	3.8	3.5	3.2	3.0	2.8	2.6	2.5	2.3	2.2	2.1	1.1	
52	15.0	11.0	8.7	7.2	6.2	5.4	4.8	4.3	3.9	3.6	3.3	3.0	2.8	2.7	2.5	2.4	2.2	2.1	1.1	
53	15.2	11.2	8.9	7.3	6.3	5.5	4.8	4.3	3.9	3.6	3.3	3.1	2.9	2.7	2.5	2.4	2.2	2.1	1.1	
54	15.5	11.4	9.0	7.5	6.4	5.5	4.9	4.4	4.0	3.7	3.4	3.1	2.9	2.7	2.6	2.4	2.3	2.2	1.1	
55	15.7	11.6	9.2	7.6	6.5	5.6	5.0	4.5	4.1	3.7	3.4	3.2	3.0	2.8	2.6	2.5	2.3	2.2	1.1	
56	16.0	11.8	9.3	7.7	6.6	5.7	5.1	4.5	4.1	3.8	3.5	3.2	3.0	2.8	2.7	2.5	2.4	2.2	1.1	
57	16.2	11.9	9.4	7.8	6.7	5.8	5.1	4.6	4.2	3.8	3.5	3.3	3.1	2.9	2.7	2.5	2.4	2.3	1.1	
58	16.5	12.1	9.6	7.9	6.8	5.9	5.2	4.7	4.2	3.9	3.6	3.3	3.1	2.9	2.7	2.6	2.4	2.3	1.1	
59	16.7	12.3	9.7	8.0	6.8	6.0	5.3	4.7	4.3	3.9	3.6	3.4	3.1	2.9	2.8	2.6	2.5	2.3	1.1	
60	17.0	12.5	9.9	8.1	6.9	6.1	5.4	4.8	4.4	4.0	3.7	3.4	3.2	3.0	2.8	2.6	2.5	2.4	1.1	
61	17.2	12.6	10.0	8.3	7.0	6.1	5.4	4.9	4.4	4.0	3.7	3.5	3.2	3.0	2.8	2.7	2.5	2.4	1.1	
62	17.4	12.8	10.1	8.4	7.1	6.2	5.5	4.9	4.5	4.1	3.8	3.5	3.3	3.1	2.9	2.7	2.6	2.4	1.1	
63	17.7	13.0	10.3	8.5	7.2	6.3	5.6	5.0	4.5	4.2	3.8	3.6	3.3	3.1	2.9	2.8	2.6	2.5	1.1	
64	17.9	13.2	10.4	8.6	7.3	6.4	5.7	5.1	4.6	4.2	3.9	3.6	3.4	3.1	3.0	2.8	2.6	2.5	1.1	
65	18.2	13.3	10.5	8.7	7.4	6.5	5.7	5.1	4.7	4.3	3.9	3.6	3.4	3.2	3.0	2.8	2.6	2.5	1.1	
66	18.4	13.5	10.7	8.8	7.5	6.5	5.8	5.2	4.7	4.3	4.0	3.7	3.4	3.2	3.0	2.9	2.7	2.6	1.1	
67	18.6	13.7	10.8	8.9	7.6	6.6	5.9	5.3	4.8	4.4	4.0	3.7	3.5	3.3	3.1	2.9	2.7	2.6	1.1	
68	18.9	13.8	10.9	9.0	7.7	6.7	5.9	5.3	4.8	4.4	4.1	3.8	3.5	3.3	3.1	2.9	2.8	2.6	1.1	
69	19.1	14.0	11.1	9.1	7.8	6.8	6.0	5.4	4.9	4.5	4.1	3.8	3.6	3.3	3.1	3.0	2.8	2.7	1.1	
70	19.3	14.2	11.2	9.2	7.9	6.9	6.1	5.4	4.9	4.5	4.2	3.9	3.6	3.4	3.2	3.0	2.8	2.7	1.1	
71	19.6	14.4	11.3	9.4	8.0	6.9	6.1	5.5	5.0	4.6	4.2	3.9	3.6	3.4	3.2	3.0	2.9	2.7	1.1	
72	19.8	14.5	11.5	9.5	8.1	7.0	6.2	5.6	5.1	4.6	4.3	3.9	3.7	3.4	3.2	3.1	2.9	2.7	1.1	
73	20.0	14.7	11.6	9.6	8.1	7.1	6.3	5.6	5.1	4.7	4.3	4.0	3.7	3.5	3.3	3.1	2.9	2.8	1.1	
74	20.3	14.9	11.7	9.7	8.2	7.2	6.3	5.7	5.2	4.7	4.4	4.0	3.8	3.5	3.3	3.1	3.0	2.8	1.1	
75	20.5	15.0	11.8	9.8	8.3	7.2	6.4	5.8	5.2	4.8	4.4	4.1	3.8	3.6	3.3	3.2	3.0	2.8	1.1	
76	20.7	15.2	12.0	9.9	8.4	7.3	6.5	5.8	5.3	4.8	4.4	4.1	3.8	3.6	3.4	3.2	3.0	2.9	1.1	
77	21.0	15.3	12.1	10.0	8.5	7.4	6.5	5.9	5.3	4.9	4.5	4.2	3.9	3.						

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- USSR: Fuel Reserves
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- USSR: Petroleum Refineries
- USSR: Television Centers and Relay Stations

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Table 1  
 Estimated Gross National Product at Market Prices <sup>a</sup>  
 Selected Years, 1950-65

Country	Billion 1955 US \$						Average Annual Increase <sup>b</sup> (Percent) 1951-61
	1950	1955	1958	1960	1961	1965	
NATO . . . . .	539*	673*	711*	785*	806*		3.7*
US . . . . .	322*	397*	406*	446*	454*		3.2*
Canada . . . . .	21.7*	27.1*	30.3*	31.7*	32.3*		3.7*
European NATO <sup>o</sup> . . . . .	195*	249*	275*	307*	320*		4.6*
Of which:							
Belgium . . . . .	9.2*	10.8*	11.3*	12.2*	12.6*		2.9*
Denmark . . . . .	4.6*	5.1*	5.7*	6.4*	6.6*		3.3*
France . . . . .	39.1*	48.6*	55.0*	59.7*	62.5*		4.4*
Italy . . . . .	23.6*	31.5*	36.4*	41.9*	44.7*		6.0*
Netherlands . . . . .	8.7*	11.4*	12.2*	14.0*	14.4*		4.7*
Norway . . . . .	3.6*	4.3*	4.6*	5.1*	5.4*		3.8*
UK . . . . .	58.8*	66.3*	69.4*	74.7*	76.6*		2.4*
West Germany . . . . .	37.4*	57.6*	67.0*	77.2*	81.3*		7.3*
Sino-Soviet Bloc . . . . .	188	263	327	N.A.	N.A.		
USSR . . . . .	110.3	153.4	189.6	208.5	218.9 <sup>d</sup>	287.8 <sup>e</sup>	6.4
Communist China . . . . .	32	48	66	N.A.	N.A.		N.A.
North Korea . . . . .	0.77 <sup>f</sup>	0.82	1.30	1.65	1.78 <sup>d</sup>	2.5 <sup>e</sup>	7.9 <sup>g</sup>
North Vietnam . . . . .	N.A.	0.66	0.98	1.11	1.21 <sup>d</sup>	1.6 <sup>e</sup>	10.6 <sup>h</sup>
European Satellites <sup>i</sup> . . . . .	44.7	60.1	69.0	77.3	81.0		5.6
Bulgaria . . . . .	2.5	3.2	3.9	4.6	4.7	7.0	5.9
Czechoslovakia . . . . .	9.5	11.5	13.7	15.1	15.8	20.5	4.7
East Germany . . . . .	11.0	15.5	17.8	19.7	20.3	26.6	5.7
Hungary . . . . .	4.2	5.6	6.0	6.6	7.0	8.4	4.8
Poland . . . . .	12.8	16.5	19.9	21.8	23.1	29.2	5.5
Rumania . . . . .	4.7	7.8	7.7	9.5	10.1	14.8	7.2

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> A measure of the physical volume of goods and services produced by the economy, expressed in terms of market value at constant prices.

<sup>b</sup> Unless otherwise indicated, the base year for the computation of the rate of growth is 1950.

<sup>o</sup> The dollar values of gross national product (GNP) for the European NATO countries (total NATO excluding the US and Canada) in 1955 are estimates of Milton Gilbert and Associates, using the geometric mean of European and US weights. The aggregate GNP for the European NATO countries in 1955 was estimated by the US Department of State, using the above source and rough calculations for countries not listed. Estimates for other years were obtained by multiplying the 1955 data in dollars by indexes of GNP at constant prices for the respective countries.

<sup>d</sup> Preliminary.

<sup>e</sup> Estimated GNP for 1965.

<sup>f</sup> Data for 1949.

<sup>g</sup> The base year is 1949.

<sup>h</sup> The base year is 1955.

<sup>i</sup> The values for the European Satellites have been calculated in such a manner as to make them reasonably comparable with the values shown for the European NATO countries. These estimates for the Satellites, therefore, should not be compared with dollar values for Western countries that are obtained by applying the official rates of exchange. Values for 1965 are based on the planned average annual rate of growth of national income. This rate has been reduced by one percentage point as a rough allowance for the exclusion of governmental and personal services under the Communist concept of national income. Such services are expected to grow much less rapidly than the goods and services covered by the plan.

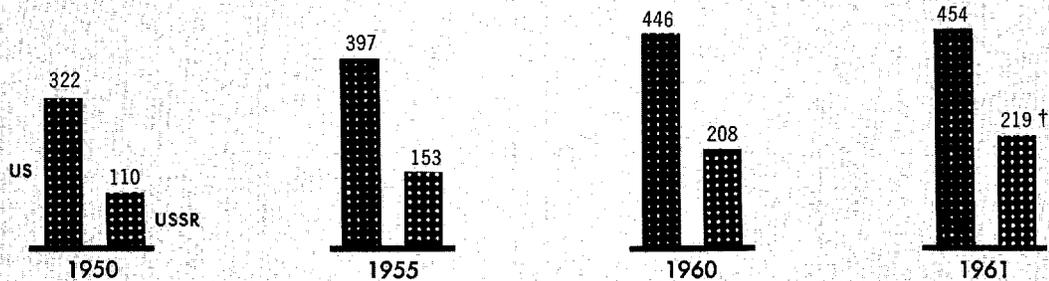
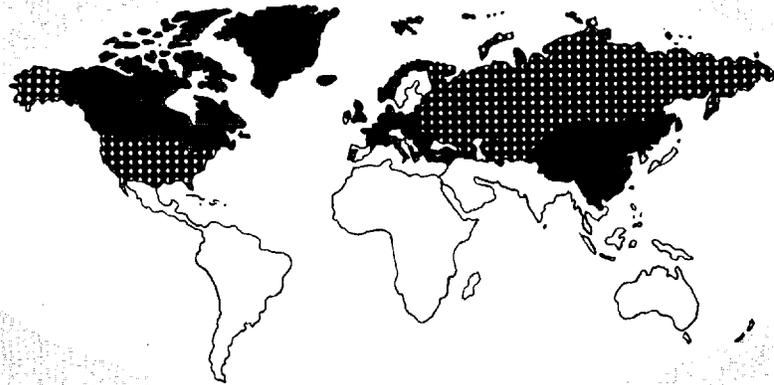


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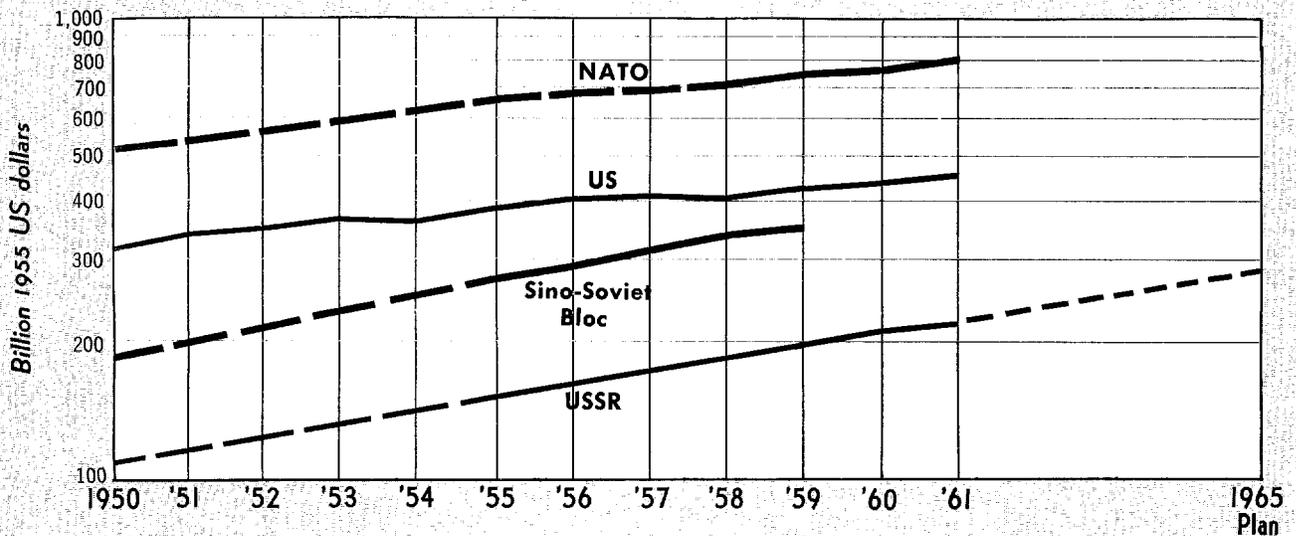
Figure 1

## GROSS NATIONAL PRODUCT AT MARKET PRICES IN SELECTED AREAS, SELECTED YEARS, 1950-61, AND 1965 PLAN

*Billion 1955 US dollars*



† Preliminary



**SECRET**

GROUP 1  
EXCLUDED FROM AUTOMATIC DOWNGRADING  
AND DECLASSIFICATION

Table 3  
Indexes of Industrial Production <sup>a</sup> for Selected Countries of NATO and the Sino-Soviet Bloc  
Selected Years, 1950-61

Country	1950	1955	1958	1960	1961	1950 = 100
						Average Annual Increase <sup>b</sup> (Percent) 1951-61
Selected NATO Countries						
US <sup>c</sup> . . . . .	100*	129*	125*	145*	146*	3.5*
France . . . . .	100*	131*	163*	189*	199*	6.5*
Italy . . . . .	100*	153*	183*	233*	255*	8.9*
UK . . . . .	100*	121*	121*	137*	137*	2.9*
West Germany <sup>d</sup> . . . . .	100*	179*	211*	250*	265*	9.3*
Sino-Soviet Bloc						
USSR <sup>e</sup> . . . . .	100	168	211	246 <sup>f</sup>	267 <sup>f</sup>	9.3
Communist China <sup>g</sup> . . . . .	100	259	526	N.A.	N.A.	N.A.
European Satellites <sup>h</sup>						
Bulgaria . . . . .	100	155	194	231	250	8.7
Bulgaria . . . . .	100	151	208	276	300	10.5
Czechoslovakia . . . . .	100	134	178	208	225	7.7
East Germany . . . . .	100	170	204	238	249	8.6
Hungary . . . . .	100	154	179	221	245	8.5
Poland . . . . .	100	158	198	232	253	8.8
Rumania . . . . .	100	155	209	259	293	10.3

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Indexes for the US, France, Italy, the UK, and West Germany are value-added weighted indexes of intermediate and final products of industry. Industry includes manufacturing and mining and, in most countries, public utilities. The index for the UK includes construction, whereas the indexes for the other Western countries exclude construction. The indexes for the countries of the Sino-Soviet Bloc are calculations of this Office (or other calculations accepted by this Office) and are constructed as nearly as possible on the same basis as the indexes for Western countries. The indexes for the Bloc include manufacturing, mining, and public utilities.

<sup>b</sup> The base year for the computation of the rate of growth is 1950.

<sup>c</sup> This index is the revised industrial production index of the US Federal Reserve Board, which includes utilities.

<sup>d</sup> Excluding the Saar and West Berlin.

<sup>e</sup> Index of gross values for individual commodities and branches aggregated by 1955 value-added weights. The three sectors covered—materials, machinery, and consumer goods—comprise 44.3 percent, 34.2 percent, and 21.5 percent, respectively, of the value-added weights for industrial production. This index is as comparable as data will permit with the index of industrial production of the US Federal Reserve Board.

<sup>f</sup> Preliminary.

<sup>g</sup> Estimates of this Office computed by applying value-added weights to data for commodity production.

<sup>h</sup> Indexes for Czechoslovakia, East Germany, and Poland in 1955 and for Bulgaria and Hungary in 1955 and 1958 are from private studies. Indexes for Poland in 1958-60 reflect official estimates of the growth of net production. All other indexes are estimates of this office.

Table 4  
 Official Indexes of Gross Industrial Production <sup>a</sup> for the Sino-Soviet Bloc  
 Selected Years, 1950-61, and 1965 Plan

Country	1950	1955	1958	1960	1961	1965 Plan	1950 = 100
							Average Annual Increase <sup>b</sup> (Percent) 1951-61
Sino-Soviet Bloc							
USSR.....	100*	185*	249*	304* <sup>c</sup>	332* <sup>c</sup>	448*	11.5*
Communist China <sup>d</sup> .....	100*	287*	681*	1,125*	N.A.	N.A.	27.4* <sup>e</sup>
North Korea.....	100*	164*	413*	728*	830*	1,380*	21.2*
North Vietnam <sup>f</sup> .....	N.A.	50*	162*	250*	275*	620*	32.9* <sup>g</sup>
European Satellites							
Albania.....	100*	274*	448*	591*	634*	898*	18.3*
Bulgaria.....	100*	190*	291*	397*	436*	699*	14.3*
Czechoslovakia.....	100*	170*	227*	282*	307*	440*	10.7*
East Germany.....	100*	190*	241*	292*	309*	453* <sup>h</sup>	10.8*
Hungary.....	100*	185*	216*	264*	293*	393* <sup>i</sup>	10.3*
Poland.....	100*	212*	278*	338*	373*	514*	12.7*
Rumania.....	100*	202*	267*	340*	393*	615*	13.2*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> These indexes are measures of the "gross" value of production of industry at constant prices. The gross value of production is, in general, the sum of the value of output of all industrial enterprises. The definition of industry in Communist countries includes manufacturing, mining, and public utilities. The Communist definition of industry also includes other activities (varying from country to country) that are not included in Western definitions of industry.

<sup>b</sup> Unless otherwise indicated, the base year for the computation of the rate of growth is 1950.

<sup>c</sup> Index numbers for 1960 and 1961 are based on plan fulfillment data.

<sup>d</sup> This "official" index of industrial production was calculated by chaining together annual Communist Chinese claims for the increase in the gross value of industrial production. These annual claims are overstated in varying degrees and are not based on a stable and consistent accounting and price system.

<sup>e</sup> Rate of growth for 1951-60.

<sup>f</sup> The base year for this index is 1956 (1956=100).

<sup>g</sup> Rate of growth for 1956-61.

<sup>h</sup> Based on the goal announced in 1959 in the Law on the Seven Year Plan (1959-65). This goal probably has been revised downward.

<sup>i</sup> Midpoint of a range.

Table 5

Estimated Gross Investment in Industry in the USSR and the US  
1961

	Billion 1955 US \$
USSR <sup>a</sup> .....	30.2
US <sup>b</sup> .....	18.9

<sup>a</sup> Investment in industry in the USSR includes investment in new plant and equipment in manufacturing, mining, and electric power. Investment in urban distribution of electric power is not included. It is estimated that Soviet industrial investment (excluding investment in the construction industry) in 1961 approximated 15.4 billion new rubles (based on 1955 prices). At the conversion rate of 0.51 new rubles to US \$1, this amount is equal to US \$30.2 billion.

<sup>b</sup> US investments for 1961 in new plant and equipment were estimated as follows:

	Billion Current US \$
Manufacturing.....	13.7
Mining.....	1.0
Public utilities.....	5.6
Oil and gas drilling.....	2.3
Total.....	<b>22.6</b>

The 1961 price deflator of 119.8 (1955=100) was based on the deflator for new construction and producers durables, as given in the *Economic Report of the President*, January 1962, p. 214.

Table 6  
 State Budget of the USSR  
 1958, 1960-61, and 1962 Plan

Billion New Rubles

Category	1958		1960		1961		1962
	Plan	Actual	Plan	Actual	Plan	Preliminary Actual	Plan
<b>Revenues</b>							
Turnover tax.....	30.15*	30.45*	31.71*	31.3*	32.5*	31.2*	32.5*
Profit deductions.....	13.03*	13.54*	20.30*	18.6* <sup>a</sup>	20.5*	21.1*	23.2*
Taxes on the population.....	4.98*	5.19*	5.72*	5.6*	5.5*	(5.5) <sup>b</sup>	5.8*
State loans.....	1.76*	1.06*	(1.20)	0.9*	(0.9)	(0.9)	(0.9)
Social insurance receipts.....	3.33*	3.31*	(3.40)	3.8*	(4.0)	4.0*	4.5*
MTS—RTS <sup>c</sup> .....	1.19*	0.97*	N.A.	N.A.	N.A.	N.A.	N.A.
Taxes on enterprises and organizations.....	1.56*	1.66*	2.13*	1.8*	(1.8)	(1.8)	1.3*
Other.....	8.29*	11.05*	(12.75)	(15.1)	(13.8)	(13.8)	(13.7)
<b>Total.....</b>	<b>64.29*</b>	<b>67.23*</b>	<b>77.21*</b>	<b>77.1*</b>	<b>79.0*</b>	<b>78.3*</b>	<b>81.9*</b>
<b>Expenditures</b>							
Financing the national economy.....	25.72*	29.03*	32.78*	34.1*	33.9*	N.A.	32.4*
Industry.....	12.90*	N.A.	15.18*	(17.3)	16.1*	N.A.	14.8*
Agriculture.....	5.34*	N.A.	3.23*	3.3*	4.2*	N.A.	5.1*
Transportation and communications.....	(1.84)	N.A.	2.54*	(2.5)	(2.6)	N.A.	2.5*
Other.....	(5.64)	N.A.	11.83*	(11.0) <sup>d</sup>	(11.0)	N.A.	10.0*
Social-cultural measures.....	21.28*	21.42*	24.74*	24.9*	27.1*	N.A.	28.7*
Education.....	8.42*	8.60*	10.20*	10.3*	11.3*	N.A.	N.A.
Health.....	4.04*	4.12*	4.75*	4.8*	5.2*	N.A.	N.A.
Social welfare.....	8.82*	8.70*	9.79*	9.8*	10.6*	N.A.	N.A.
Administration.....	1.19*	1.20*	1.11*	1.1*	1.09*	N.A.	1.07*
Defense.....	9.63*	9.36*	9.61*	9.3*	9.255* <sup>e</sup>	11.9*	13.4*
Loan service.....	(0.30)	0.37*	(0.60)	0.7*	(0.6)	N.A.	N.A.
Reserve funds of the Council of Ministers.....	1.67*	0*	2.76*	0*	2.8*	(0)	N.A.
Undisclosed expenditures.....	(2.98)	2.89*	(2.88)	(3.0)	(2.755)	N.A.	N.A.
<b>Total.....</b>	<b>62.77*</b>	<b>64.27*</b>	<b>74.48*</b>	<b>73.1*</b>	<b>77.5*</b>	<b>76.7*</b>	<b>80.4*</b>
Budget surplus.....	1.52*	2.96*	2.73*	4.0*	1.5*	1.6*	1.5*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Not comparable with previous years, as a consequence of the apparent elimination in this reported figure of profits on imports.

<sup>b</sup> Data in parentheses are estimates.

<sup>c</sup> Machine tractor stations in 1958, repair tractor stations thereafter.

<sup>d</sup> Not comparable with previous years, as a consequence of the apparent elimination in this reported figure of subsidies paid on exports.

<sup>e</sup> In the middle of the year this figure was increased to 12.4 billion rubles.

Table 7  
Comparison of Production of Selected Consumer Goods for the US and the USSR  
Selected Years, 1950-61

Product and Country	Production in Thousand Units				
	1950	1955	1958	1960	1961
Automobiles					
US <sup>a</sup> .....	6,665.9*	7,920.0*	4,257.8*	6,674.8*	5,543.0*
USSR <sup>b</sup> .....	64.6*	107.8*	122.2*	138.8*	149.0*
Radio receivers					
US.....	14,590*	14,526*	12,507*	17,969*	18,348*
USSR.....	1,072*	3,549*	3,902*	4,165*	4,229*
Refrigerators					
US <sup>c</sup> .....	6,200.0*	4,200.0*	3,116.7*	3,475.0*	3,480.0*
USSR.....	1.2*	151.4*	359.6*	529.5*	686.0*
Television receivers					
US.....	7,464*	7,756*	4,921*	5,708*	6,178*
USSR.....	12*	495*	979*	1,726*	1,949*
Washing machines					
US <sup>c</sup> .....	4,272.0*	4,236.6*	3,672.3*	3,274.2*	3,347.2*
USSR.....	0.3*	87.0*	538.7*	953.1*	1,300.0*
				Unit Production per Thousand Persons	
Automobiles					
US.....	44*	48*	24*	37*	30*
USSR.....	0.35*	0.55*	0.59*	0.65*	0.68*
Radio receivers					
US.....	96.2*	87.9*	71.8*	99.4*	99.9*
USSR.....	5.9*	18.0*	18.9*	19.5*	19.4*
Refrigerators					
US.....	40.9*	25.4*	17.9*	19.2*	18.9*
USSR.....	0.01*	0.77*	1.74*	2.47*	3.15*
Television receivers					
US.....	49.2*	46.9*	28.3*	31.6*	33.6*
USSR.....	0.07*	2.51*	4.73*	8.07*	8.96*
Washing machines					
US.....	28.2*	25.6*	21.1*	18.1*	18.2*
USSR.....	Negl.*	0.44*	2.60*	4.45*	5.98*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Factory sales, including parts shipped for assembly abroad.

<sup>b</sup> Including jeeps.

<sup>c</sup> Producer sales.

Table 8  
 Planned Economic Development Under the Soviet Twenty Year Plan  
 Selected Years, 1958-80

	Unit of Measure <sup>a</sup>	Average Annual Increase (Percent)							
		Seven Year Plan						Twenty Year Plan	
		1958	1960	1961	1965 Plan	1970 Plan	1980 Plan	1959-65	1961-80
Aggregative data									
Industrial production <sup>b</sup>	1950 = 100	249*	304*	332*	448*	800*	1,900 to 1,960*	8.8*	9.6 to 9.8*
Population									
Population <sup>c</sup> (midyear)	Million persons	207.0*	214.0*	217.5*	231.1*	247.2*	280.7*	1.6*	1.4*
Fuels and power									
Primary energy <sup>d</sup>	Million MT/SF	616.4*	692.8*	N.A.	1,071*	N.A.	2,772*	8.2*	7.2*
Electric power	Billion kwh	235.4*	292.3*	327*	520*	900 to 1,000*	2,700 to 3,000*	12.0*	11.8 to 12.3*
Total coal	Million tons	496.1*	513.2*	510.5*	600 to 612*	686 to 700*	1,180 to 1,200*	2.8 to 3.0*	4.3*
Crude oil	Million tons	113.2*	147.9*	166.1*	240*	390*	690 to 710*	11.3*	8.0 to 8.2*
Natural gas <sup>e</sup>	Billion cu m	29.9*	47.2*	60.9*	150*	310 to 325*	680 to 720*	25.9	14.3 to 14.6*
Minerals and metals									
Crude steel	Million tons	54.9*	65.3*	70.7*	95 to 97*	145*	250*	8.1 to 8.5*	6.9*
Refined copper <sup>f</sup>	Thousand tons	406*	427*	465*	772*	N.A.	2,500*	9.6*	9.2*
Primary aluminum <sup>g</sup>	Million tons	0.51*	0.7*	0.8*	1.4 to 1.5*	N.A.	4.5*	15.5 to 16.7*	9.7*
Lead <sup>h</sup>	Thousand tons	288*	314*	326*	433*	N.A.	1,000*	6.0*	6.0*
Refined zinc <sup>i</sup>	Thousand tons	315*	340*	351*	504*	N.A.	1,500*	6.9*	7.7*
Agriculture									
Potatoes	Million tons	86.5*	84.4*	84.0*	147*	140*	156*	7.9*	3.1*
Meat <sup>j</sup>	Million tons	5.2	5.9	6.0	11	17	20.4 to 21.8	11.3	6.4 to 6.8
Wool (grease basis)	Thousand tons	321.8*	356.8*	367	548*	800*	1,045 to 1,155*	7.9*	5.5 to 6.0*
Milk <sup>k</sup>	Million tons	51.7	54.3	55.0	88 to 92	119	150 to 158	7.9 to 8.6	5.2 to 5.5



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Table 9  
Comparison of Selected Economic Indicators <sup>a</sup> for the US and the USSR  
Selected Years, 1950-61, and 1965 Plan

- Product, Unit of Measure, and Country	1950	1955	1958	1960	1961	1965 Plan	Average Annual Rate of Growth <sup>b</sup> (Percent) 1951-61
Gross national product (billion 1955 US \$)							
US.....	322*	397*	406*	446*	454*		3.2*
USSR.....	110	153	190	208	219 <sup>c</sup>	288 <sup>d</sup>	6.5
Industrial production (1950=100)							
US.....	100*	129*	125*	145*	146*		3.5*
USSR.....	100	168	211	246 <sup>e</sup>	267 <sup>e</sup>		9.3
Total population (midyear population in millions)							
US.....	151.7*	165.3*	174.1*	180.7*	183.7*	196.2*	1.8*
USSR.....	182.4*	197.0*	207.0*	214.0*	217.5*	231.1*	1.6*
Electric power (billion kilowatt-hours)							
US.....	410*	668*	768*	892*	932*		7.8*
USSR.....	91.2*	170*	235*	292*	327*	520*	12.3*
Primary energy (million metric tons of standard fuel)							
US.....	1,190*	1,360*	1,370*	1,420*	1,420*		1.6*
USSR.....	274.9*	435.7*	580.2*	662.8*	707.7*	1,003*	9.0*
Crude oil (million metric tons)							
US.....	266.7*	335.7*	330.9*	348.0*	354.3*		2.6*
USSR.....	37.9*	70.8*	113.2*	147.9*	166.1*	265* <sup>e</sup>	14.4*
Crude steel (million metric tons)							
US.....	87.85*	106.17*	77.34*	90.07*	88.92*		0.1*
USSR.....	27.33*	45.27*	54.92*	65.29*	70.70*	96*	9.0*
Refined copper (thousand metric tons)							
US.....	1,276*	1,436*	1,450*	1,643*	1,662*		2.4*
USSR.....	247*	377*	406*	427*	465*	772* <sup>e</sup>	5.9*
Total grain (million metric tons)							
US.....	141*	148*	186*	191*	174*		1.9*
USSR.....	81*	107*	130	100	115	172* <sup>f</sup>	3.2

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Table 10  
Selected Economic Indicators for India  
Selected Years, 1950-61

	Unit of Measure	1950	1955	1958	1960	1961
<b>Aggregative data</b>						
Gross national product <sup>a</sup> .....	Billion 1955 US \$.....	26.9*	31.2*	35.0*	37.7*	38.5*
Industrial production.....	1950=100	100*	137*	156*	191*	202*
<b>Population</b>						
Total population <sup>b</sup> (midyear).....	Million persons.....	360.7*	393.8*	417.1*	432.6*	440.3*
<b>Fuels and power</b>						
Coal <sup>c</sup> .....	Million metric tons.....	32.8*	38.8*	46.1*	52.6*	56.1*
<b>Minerals and metals</b>						
Crude steel.....	Million metric tons.....	1.46*	1.73*	1.84*	3.29*	4.03*
Refined copper.....	Thousand metric tons.....	6.72*	7.40*	7.97*	8.91*	8.34*
<b>Agriculture and processed foods</b>						
Rice <sup>d</sup> (rough or paddy).....	Million metric tons.....	31.8*	41.0*	46.3*	52.2*	51.7*
Wheat.....	Million metric tons.....	6.40*	8.92*	7.89*	10.25*	10.83*
Wool (grease basis).....	Thousand metric tons.....	22.9*	32.7*	33.6*	34.1*	34.1*
<b>Manufactured items</b>						
Sulfuric acid.....	Thousand metric tons.....	104.1*	168.8*	230.2*	359.4*	408.5*
Motor vehicles <sup>e</sup> .....	Thousand units.....	14.6*	23.1*	26.8*	51.7*	54.3*
<b>Services</b>						
Railroad freight traffic <sup>f</sup> .....	Billion metric ton-kilometers.....	47.1* <sup>κ</sup>	55.4*	73.9*	83.4*	79.7*
Cement.....	Million metric tons.....	2.66*	4.56*	6.17*	7.83*	8.19*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Computations are based on estimates of internal purchasing power. Data, if converted to US dollars on the basis of a uniform rate of exchange of 4.762 rupees to US \$1, would be (in 1955 US \$) as follows: for 1950, US \$20.4 billion; for 1955, US \$23.7 billion; for 1958, US \$26.6 billion; for 1960, US \$28.7 billion; and for 1961, US \$29.2 billion.

<sup>b</sup> Including Sikkim and Kashmir-Jammu but excluding the Northeast Frontier Agency and Nagaland.

<sup>c</sup> Data are for anthracite and bituminous coal but exclude brown coal and lignite.

<sup>d</sup> Estimated from planted acreage.

<sup>e</sup> Including automobiles and commercial vehicles.

<sup>f</sup> Data are for the year beginning 1 April of the stated year.

<sup>κ</sup> Data are for 1951.

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Table 11  
Selected Economic Indicators for Cuba  
Selected Years, 1950-61

	Unit of Measure	1950	1955	1958	1960	1961
Aggregative data						
Gross national product.....	Billion current US \$ <sup>a</sup> .....	1.93*	2.23*	2.56*	N.A.	N.A.
Population						
Total population (midyear).....	Million persons.....	5.5*	6.1*	6.5*	6.7*	6.8*
Fuels and power						
Electric power.....	Million kilowatt-hours.....	1,270*	1,770*	2,450*	2,910*	2,360*
Crude oil.....	Thousand metric tons.....	2*	48*	45*	15*	N.A.
Minerals and metals						
Manganese ore <sup>b</sup> .....	Thousand metric tons.....	79*	315*	68*	16*	N.A.
Refined nickel <sup>c</sup> .....	Thousand metric tons.....	1.6** <sup>d</sup>	13.7*	17.9*	14.7	14.7
Chrome <sup>e</sup> .....	Thousand metric tons.....	15.4*	27.0*	26.3*	17.3*	N.A.
Agriculture and processed foods						
Total grain <sup>f</sup> .....	Million metric tons.....	0.24*	0.39*	0.37*	0.44*	0.41*
Rice (rough or paddy).....	Thousand metric tons.....	75.7*	215*	226*	250*	220*
Potatoes.....	Thousand metric tons.....	89.8*	141.1*	111.7*	121.8*	126.9*
Cattle <sup>g</sup> .....	Thousand head.....	4,550*	4,447*	5,700*	5,760*	5,025*
Hogs <sup>g</sup> .....	Thousand head.....	1,800*	1,365*	1,750*	1,725*	1,200*
Meat <sup>h</sup> .....	Thousand metric tons.....	186.9*	211.8*	221.4*	239.9*	N.A.
Fish catch.....	Thousand metric tons.....	9.8*	12.8*	21.9*	N.A.	N.A.
Milk.....	Thousand metric tons.....	473** <sup>d</sup>	734.8*	739.8*	741.6*	N.A.
Sugar.....	Thousand metric tons.....	5,558*	4,528*	5,784*	5,862*	6,768*
Industrial wood.....	Million cubic meters.....	0.3*	0.2*	0.2* <sup>i</sup>	N.A.	N.A.
Tobacco.....	Thousand metric tons.....	36.1*	47.5*	52.8*	52.2*	47.2*
Chickens.....	Thousand.....	9,000*	7,900* <sup>j</sup>	6,000*	6,500** <sup>k</sup>	N.A.
Eggs.....	Million units.....	320*	N.A.*	315*	318** <sup>k</sup>	N.A.
Molasses.....	Million gallons.....	270.6*	429.2*	310.6*	280.0*	N.A.
Green coffee.....	Thousand metric tons.....	32.8* <sup>l</sup>	38.5*	43.5*	48.0*	42.0*
Services						
Cement.....	Thousand metric tons.....	316*	424*	721*	400*	N.A.

\* An asterisk indicates that the data are unclassified.  
<sup>a</sup> Converted from pesos at the rate of exchange of 1 peso to US \$1.  
<sup>b</sup> Exports.  
<sup>c</sup> Nickel content of oxide.  
<sup>d</sup> Data are an average for 1948-52.  
<sup>e</sup> Estimated chromic oxide (Cr<sub>2</sub>O<sub>3</sub>).  
<sup>f</sup> Including corn and rice only.  
<sup>g</sup> Data are as of 30 September.  
<sup>h</sup> Carcass weight, bone-in basis.  
<sup>i</sup> Data are for 1957.  
<sup>j</sup> Data are for 1956.  
<sup>k</sup> Data are for 1959.  
<sup>l</sup> Data are for 1951.

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Table 12  
Selected Economic Indicators for the USSR  
Selected Years, 1950-61, and 1965 Plan

	Unit of Measure	1950	1955	1958	1960	1961	1965 Plan
<b>Aggregative data</b>							
Gross national product.....	Billion 1955 US \$	110.3	153.4	189.6	208.5	218.9 <sup>a</sup>	287.8 <sup>b</sup>
Industrial production <sup>c</sup> .....	1950=100	100	168	211	246 <sup>a</sup>	267 <sup>a</sup>	448*
Gross industrial production.....	1950=100	100*	185*	249*	304* <sup>d</sup>	332* <sup>d</sup>	448*
<b>Population</b>							
Total population (midyear).....	Million persons	182.4*	197.0*	207.0*	214.0*	217.5*	231.1*
Labor force <sup>e</sup> (midyear).....	Million persons	94.9*	101.4*	105.7*	110.2*	111.4*	115.3*
<b>Fuels and power</b>							
Primary energy.....	Million MT/SF <sup>f</sup>	274.9*	435.7*	580.2*	662.8*	707.7*	1,003*
Electric power.....	Billion kilowatt-hours	91.2*	170*	235*	292*	327*	520*
Hard coal.....	Million metric tons	185.2*	276.6*	353.0*	374.9*	374.5*	420* <sup>g</sup>
Metallurgical coke.....	Million metric tons	27.7*	43.6*	50.9*	56.2*	57.8*	80*
Crude oil.....	Million metric tons	37.9*	70.8*	113.2*	147.9*	166.1*	265* <sup>g</sup>
Natural gas.....	Billion cubic meters	5.8*	9.0*	28.1*	45.3*	59.0*	135* <sup>g</sup>
Gasoline.....	Million metric tons	7.2*	18.0*	22.5*	26.0*	27.5*	35.4 <sup>g</sup>
<b>Minerals and metals</b>							
Crude steel.....	Million metric tons	27.33*	45.27*	54.92*	65.29*	70.70*	96*
Pig iron <sup>h</sup> .....	Million metric tons	19.2*	33.3*	39.6*	46.8*	50.9*	72.5*
Iron ore.....	Million metric tons	39.65*	71.86*	88.82*	106.02*	118.00*	167.50*
Refined copper.....	Thousand metric tons	246.6*	377.3*	406.3*	426.9*	465.3*	772* <sup>g</sup>
Primary aluminum.....	Thousand metric tons	155*	430*	510*	700*	800*	1,400 to 1,500* <sup>g</sup>
Lead.....	Thousand metric tons	112.3*	258.3*	288.5*	314.0*	326.5*	432.8*
Mercury.....	Thousand flasks (34.5 kilograms)	17	27	27	32	35	
Cadmium metal.....	Metric tons	360*	730*	1,030*	1,120*	1,160*	
<b>Agriculture and processed foods</b>							
Total grain.....	Million metric tons	81.2*	106.8*	130	100	115	164 to 180*
Cattle.....	Million head	58.1*	56.7*	66.8*	74.2*	75.8*	109*
Meat <sup>i</sup> .....	Million metric tons	3.3	4.3	5.2	5.9	6.0	11 <sup>g</sup>
Milk <sup>j</sup> .....	Million metric tons	31.1	37.8	51.7	54.3	55.0	88 to 92 <sup>g</sup>

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Manufactured items									
Cotton yarn	662.5*	1,038*	1,063*	1,169*	N.A.	11,000* <sup>k</sup>			
Sulfuric acid	2,125*	3,798*	4,803*	5,398*	5,727*	1,990 <sup>k</sup>			
Synthetic ammonia	368	619	795	888	995	8,335			
Mineral fertilizers	1,235*	2,294*	2,948	3,294	3,725	33*			
Electric motors (AC)	6.8*	8.8*	13.7*	17.6*	22.3*	270*			
Metalcutting machine tools	70.6*	117.1*	138.3*	155.6*	164*				
Chemical equipment	43*	111*	N.A.	N.A.	250*				
Grain combines	46.3*	48.0*	65.0*	59.0*	76.3*	109* <sup>z</sup>			
Tractors	108.8*	163.4*	219.7*	238.5*	263.6*	450*			
Services									
Railroad freight traffic	602.3*	970.9*	1,302.0*	1,504.3*	1,566.2*	1,800 to 1,850*			
Railroad freight traffic	834.3*	1,267.0*	1,616.9*	1,884.9*	1,987.4*	2,372*			
Cement	10.2*	22.5*	33.3*	45.5*	50.9*	84.6*			
Trade									
Imports	1.5*	3.1*	4.3*	5.6*	N.A.				
Exports	1.8*	3.4*	4.3*	5.6*	N.A.				
Total	3.3*	6.5*	8.6*	11.2*	11.7*				

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Preliminary.

<sup>b</sup> Estimated gross national product for 1965.

<sup>c</sup> Index of gross values for individual commodities and branches aggregated by 1955 value-added weights. The three sectors covered—materials, machinery, and consumer goods—comprise 44.6 percent, 34.0 percent, and 21.4 percent, respectively, of the value-added weights for industrial production. This index is as comparable as data will permit with the index of industrial production of the US Federal Reserve Board.

<sup>d</sup> Based on plan fulfillment data.

<sup>e</sup> Average annual employment. Including the armed forces but excluding militarized security forces.

<sup>f</sup> Metric tons of standard fuel. Standard fuel has a calorific value of 7,000 kilocalories per kilogram.

<sup>g</sup> Estimated production for 1965.

<sup>h</sup> Including blast-furnace ferroalloys.

<sup>i</sup> Including slaughter fats and poultry. Carcass weight, bone-in basis. To exclude offal and meat other than beef, veal, pork, mutton, lamb, goat, and rabbit and to reduce the overestimation of production from privately owned livestock, official data have been reduced by 32 percent.

<sup>j</sup> To exclude milk produced by animals other than cows and to reduce the overestimation of production from privately owned cows, official data have been reduced by 12 percent.

<sup>k</sup> Estimated plan for 1965.

Table 13

Selected Economic Indicators for Communist China  
Selected Years, 1950-59

	Unit of Measure	1950	1955	1958	1959
<b>Aggregative data</b>					
Gross national product.....	Billion 1955 US \$	32	48	66	72
Industrial production <sup>a</sup> .....	1950 = 100	100	259	526	670
Gross industrial production <sup>b</sup> .....	1950 = 100	100*	287*	681*	949*
<b>Population</b>					
Total population (midyear).....	Million persons	547*	611*	657*	674*
Labor force <sup>c</sup> (midyear).....	Million persons	241*	276*	289*	307*
<b>Fuels and power</b>					
Primary energy.....	Million MT/SF <sup>d</sup>	N.A.	94.2	219	283
Electric power.....	Billion kilowatt-hours	4.55*	12.3*	27.5*	41.5*
Hard coal <sup>e</sup> .....	Million metric tons	42.9*	98.3*	270.2*	347.8*
Metallurgical coke <sup>f</sup> .....	Thousand metric tons	1,200*	3,658*	6,300*	9,605*
Crude oil <sup>g</sup> .....	Thousand metric tons	203*	966*	2,260*	3,700*
Gasoline.....	Thousand metric tons	46	249	804	1,150
<b>Minerals and metals</b>					
Crude steel.....	Million metric tons	0.60*	2.85*	8.00 <sup>h</sup>	13.35* <sup>i</sup>
Pig iron <sup>j</sup> .....	Thousand metric tons	978*	3,872*	13,690* <sup>k</sup>	20,500* <sup>l</sup>
Iron ore.....	Million metric tons	2.35*	9.60*	59*	83*
Manganese ore.....	Thousand metric tons	88*	196	534*	1,243*
Tungsten ore <sup>m</sup> .....	Thousand metric tons	11.6*	20	30*	33*
Refined copper.....	Thousand metric tons	5.3*	15*	34*	55*
Primary aluminum.....	Thousand metric tons	0	10*	50*	70*
Lead.....	Thousand metric tons	2.8*	16*	45*	70
Refined zinc.....	Thousand metric tons	2.7	13	29	50
Primary tin.....	Thousand metric tons	6*	18*	32*	33
Mercury.....	Thousand flasks (34.5 kilograms)	1	20	44	45
Sulfur.....	Thousand metric tons	20	160	390	510
<b>Agriculture and processed foods</b>					
Total grain <sup>n</sup> .....	Million metric tons	138	156	182	160
Rice (rough or paddy).....	Million metric tons	64	78*	99*	88
Potatoes <sup>o</sup> .....	Million metric tons	60	75.6*	120	100
Ginned cotton.....	Million metric tons	0.7*	1.5*	2.1*	1.8
Cattle <sup>p</sup> .....	Million head	43.9* <sup>q r</sup>	66.0* <sup>r</sup>	64.9* <sup>s</sup>	65.4 <sup>s</sup>
Hogs <sup>t</sup> .....	Million head	64.01	87.92*	131	135
Meat <sup>u</sup> .....	Million metric tons	4.0	5.6	5.9	5.4
Fish catch.....	Million metric tons	0.91*	2.52*	4.06*	5.00*

Manufactured items				
Cotton yarn.....	437*	720*	1,107*	1,497*
Sulfuric acid.....	49*	375*	740*	1,050*
Soda ash.....	160*	405*	640*	800*
Caustic soda.....	23*	137*	270*	364*
Mineral fertilizers.....	15	85	266	392
Turbines.....	<i>Negl.*</i>	69*	800*	2,150*
Metalcutting machine tools.....	3.31*	13.71*	30* <sup>v</sup>	33* <sup>v</sup>
Freight cars.....	0.7*	9.26*	11.00*	19.67*
Services				
Railroad freight traffic.....	39.41*	98.15*	185.52*	263.40*
Railroad freight traffic.....	99.83*	193.76*	381.09*	542*
Cement.....	1.41*	4.5*	9.3*	12.3*
Trade				
Imports.....	0.6	1.7	1.8	2.1
Exports.....	0.6	1.4	2.0	2.2
Total.....	1.2	3.1	3.8	4.3

\* An asterisk indicates that the data are unclassified.

a Estimates of this Office computed by applying value-added weights to data for commodity production.

b This "official" index of industrial production was calculated by chaining together annual Chinese Communist claims for the increase in the gross value of industrial production. These annual claims are overstated in varying degrees and are not based on a stable and consistent accounting and price system.

c Excluding the armed forces.

d Metric tons of standard fuel. Standard fuel has a calorific value of 7,000 kilocalories per kilogram.

e Including a negligible amount of brown coal.

f Excluding coke made in beehive, clamp, native, and "small modern" furnaces.

g Including production of natural and synthetic crude oil.

h Excluding production from "native furnaces."

i Including 4.72 million metric tons of steel made in small side-blown converters.

j Including blast-furnace ferroalloys.

k Including 4.16 million metric tons of "native iron."

l Including 9.6 million metric tons of pig iron made in "small blast furnaces," of which 5.9 million metric tons were usable for steelmaking.

m Tungsten trioxide (60 percent WO<sub>3</sub> basis).

n Excluding potatoes and soybeans.

o Including sweet potatoes, Irish potatoes, and other starchy tubers, such as taro and cassava.

p Including buffaloes.

q Data are for 1949.

r Data are as of midyear.

s Data are as of the end of the year.

t The number of hogs that can be accounted for vary from 72 to 85 percent of the official numbers for 1950 and 1955. The numbers for 1958-59 vary from 30 to 40 percent. Data refer to the inventory for midyear for 1950 and 1955 and for the end of the year for 1958-59.

u Carcass weight, bone-in basis. Including poultry.

v Reported production by Chinese official sources are as follows: for 1958, 50,000 units and for 1959, 70,000 units. Data appear to include many rudimentary types not reported before 1958.

Table 14  
Selected Economic Indicators for North Korea  
Selected Years, 1950-61, and 1965 Plan

	Unit of Measure	1950	1955	1958	1960	1961	1965 Plan
<b>Aggregative data</b>							
Gross national product.....	Billion 1955 US \$.....	0.77 <sup>a</sup>	0.82	1.30	1.65	1.78 <sup>b</sup>	2.5 <sup>c</sup>
Gross industrial production.....	1950=100.....	100*	164*	413*	728*	830*	1,380*
Population							
Total population (midyear).....	Million persons.....	9.6*	9.0*	10.0*	10.6*	11.0*	12.3*
Labor force <sup>d</sup> (midyear).....	Million persons.....	4.1	3.6	4.0	4.3	4.4	4.9
Fuels and power							
Primary energy.....	Million MT/SF <sup>e</sup> .....	N.A.	4.3	9.6	13.4	15.3	17* <sup>f</sup>
Electric power.....	Billion kilowatt-hours.....	4.58*	3.14*	7.63*	9.14*	10.4*	
Metallurgical coke.....	Thousand metric tons.....	253*	207*	390*	1,015*	1,290*	
Hard coal.....	Million metric tons.....	1.9*	1.9*	4.3*	6.9*	7.8*	
Minerals and metals							
Iron ore.....	Million metric tons.....	0.74*	0.14*	1.24*	2.49*	2.83*	
Tungsten ore <sup>g</sup> .....	Metric tons.....	1,571*	1,864*	2,563*	3,015*	3,100*	
Lead.....	Thousand metric tons.....	<i>Negl.</i>	9.4*	19*	27*	33* <sup>h</sup>	
Refined zinc.....	Thousand metric tons.....	4.8*	0*	18*	48*	62* <sup>h</sup>	
Agriculture and processed foods							
Total grain <sup>i</sup> .....	Million metric tons.....	2.46* <sup>a</sup>	2.21*	3.46	2.68	2.94	
Rice (rough or paddy).....	Thousand metric tons.....	1,250*	1,242*	1,809*	1,513	1,533	3,000* <sup>f</sup>
Potatoes <sup>j</sup> .....	Million metric tons.....	0.70* <sup>a</sup>	0.62*	0.80*	0.79*	1.05*	
Fish catch.....	Thousand metric tons.....	192*	313*	501*	465*	595*	1,000 to 1,200* <sup>f</sup>
Manufactured items							
Sulfuric acid.....	Thousand metric tons.....	165	28*	234*	255*	274*	650* <sup>f</sup>
Synthetic ammonia.....	Thousand metric tons of nitrogen.....	46	6	102*	114	124	
Calcium carbide.....	Thousand metric tons.....	94*	67*	150*	126*	141*	530* <sup>f</sup>
Mineral fertilizers.....	Thousand metric tons of nutrients.....	56	17	94	114	132	
<b>Services</b>							
Railroad freight traffic.....	Billion metric ton-kilometers.....	2.48*	3.79*	6.30*	9.12*	9.85*	17.5* <sup>f</sup>
Railroad freight traffic.....	Million metric tons carried....	11.27*	16.76*	28.20*	38.64*	41.00*	75* <sup>f</sup>
Cement.....	Thousand metric tons.....	380*	360*	1,244*	2,285*	2,262*	4,000 to 4,500* <sup>f</sup>

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data are for 1949.

<sup>b</sup> Preliminary.

<sup>c</sup> Estimated gross national product for 1965.

<sup>d</sup> Excluding the armed forces.

<sup>e</sup> Metric tons of standard fuel. Standard fuel has a calorific value of 7,000 kilocalories per kilogram.

<sup>f</sup> Plan data for 1967.

<sup>g</sup> Tungsten trioxide (60 percent WO<sub>3</sub> basis).

<sup>h</sup> Plan data.

<sup>i</sup> Excluding potatoes and soybeans.

<sup>j</sup> Including sweet potatoes, Irish potatoes, and other starchy tubers, such as taro and cassava.

Table 15  
Selected Economic Indicators for North Vietnam  
Selected Years, 1950-61, and 1965 Plan

Unit of Measure	1950	1955	1958	1960	1961	1965 Plan
<b>Aggregate data</b>						
Gross national product.....	Billion 1955 US \$.....	N.A.	0.66	1.11	1.21 <sup>a</sup>	1.6 <sup>b</sup>
Gross industrial production.....	1956=100.....	N.A.	50*	250*	275*	620*
<b>Population</b>						
Total population (midyear).....	Million persons.....	14.7*	14.9*	16.0*	16.3*	17.7*
Labor force <sup>c</sup> (midyear).....	Million persons.....	7.6	7.5	8.2	8.4	9.2
<b>Fuels and power</b>						
Primary energy.....	Million MT/SF <sup>d</sup> .....	N.A.	0.6	2.3	2.4	
Electric power.....	Billion kilowatt-hours.....	0.07** <sup>e</sup>	0.05*	0.26*	0.31*	0.71*
<b>Minerals and metals</b>						
Iron ore.....	Million metric tons.....	0	0.02	0.14	0.14	
Chrome <sup>f</sup> .....	Thousand metric tons.....	0	0	9.0	10.8	
<b>Agriculture and processed foods</b>						
Total grain <sup>g</sup> .....	Million metric tons.....	2.30*	3.79*	4.67*	4.97*	
Rice (rough or paddy).....	Thousand metric tons.....	2,238	3,604*	4,470*	4,663*	
Sweet potatoes.....	Million metric tons.....	0.15*	0.53*	0.56*	1.20*	
Ginned cotton.....	Thousand metric tons.....	N.A.	1.0*	1.3*	1.8*	
Fish catch.....	Thousand metric tons.....	N.A.	94*	177*	N.A.	
Industrial wood.....	Million cubic meters.....	0.1*	0.4*	0.7*	0.8*	
<b>Manufactured items</b>						
Cotton yarn.....	Thousand metric tons.....	N.A.	0.2*	10.4*	11.5	
<b>Services</b>						
Railroad freight traffic.....	Billion metric ton-kilometers.....	N.A.	0.04*	0.70*	0.82*	
Railroad freight traffic.....	Million metric tons carried.....	N.A.	0.39*	2.91*	3.37*	
Cement.....	Thousand metric tons.....	N.A.	8*	408*	453*	830** <sup>h</sup>

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Preliminary.

<sup>b</sup> Estimated gross national product for 1965.

<sup>c</sup> Excluding the armed forces.

<sup>d</sup> Metric tons of standard fuel. Standard fuel has a calorific value of 7,000 kilocalories per kilogram.

<sup>e</sup> Including production from all areas of Indochina.

<sup>f</sup> Estimated chromic oxide (Cr<sub>2</sub>O<sub>3</sub>).

<sup>g</sup> Including corn and rice only.

<sup>h</sup> Estimated plan for 1965.

Table 16  
Selected Economic Indicators for Albania  
Selected Years, 1950-61, and 1965 Plan

	Unit of Measure	1950	1955	1958	1960	1961	1965 Plan
<b>Aggregate data</b>							
Gross industrial production.....	1950 = 100.....	100*	274*	448*	591*	634*	898*
<b>Population</b>							
Total population (midyear).....	Million persons.....	1.2*	1.4*	1.5*	1.6*	1.7*	1.9*
Labor force * (midyear).....	Million persons.....	0.65*	0.74*	0.79*	0.84*	0.86*	0.94*
<b>Fuels and power</b>							
Primary energy.....	Million MT/SF <sup>b</sup> .....	N.A.	0.4*	0.7*	1.2*	1.3*	1.9*
Electric power.....	Billion kilowatt-hours.....	0.02*	0.08*	0.15*	0.19*	0.21*	0.35*
Brown coal and lignite.....	Million metric tons.....	Negl.*	0.2*	0.3*	0.3*	0.3*	0.4*
<b>Minerals and metals</b>							
Chrome <sup>c</sup> .....	Thousand metric tons.....	23.4	54.9	90.6	130.1	141.8	
<b>Agriculture and processed foods</b>							
Total grain.....	Million metric tons.....	0.25*	0.34*	0.29*	0.24*	0.34*	
Ginned cotton.....	Thousand metric tons.....	2.3*	4.1*	5.7*	5.7	6.9*	
Wool (grease basis).....	Thousand metric tons.....	2.2	2.6	2.3	2.3	2.5	
<b>Services</b>							
Railroad freight traffic.....	Billion metric ton-kilometers.....	0.01*	0.02*	0.03*	0.05*	0.07*	
Railroad freight traffic.....	Million metric tons carried.....	0.24*	0.35*	0.57*	0.90*	1.18*	
Cement.....	Thousand metric tons.....	16*	45*	78*	73*	74*	230* <sup>f</sup>
<b>Trade</b>							
Imports.....	Million current US \$.....	22*	43*	79*	79*	N.A.	
Exports.....	Million current US \$.....	7*	13*	29*	49*	N.A.	
Total.....	Million current US \$.....	29*	56*	108*	128*	N.A.	

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Including the armed forces.

<sup>b</sup> Metric tons of standard fuel. Standard fuel has a calorific value of 7,000 kilocalories per kilogram.

<sup>c</sup> Plan data.

<sup>d</sup> Estimated production for 1965.

<sup>e</sup> Estimated chromic oxide (Cr<sub>2</sub>O<sub>3</sub>).

<sup>f</sup> Estimated plan for 1965.

Table 17  
Selected Economic Indicators for Bulgaria  
Selected Years, 1950-61, and 1965 Plan

	Unit of Measure	1950	1955	1958	1960	1961	1965 Plan
<b>Aggregative data</b>							
Gross national product.....	Billion 1955 US\$.....	2.5	3.2	3.9	4.6	4.7	7.0
Industrial production.....	1950 = 100.....	100	151	208	276	300	
Gross industrial production.....	1950 = 100.....	100*	190*	291*	397*	436*	699*
<b>Population</b>							
Total population (midyear).....	Million persons.....	7.3*	7.5*	7.7*	7.9*	7.9*	8.2*
Labor force <sup>a</sup> (midyear).....	Million persons.....	4.11*	4.11*	4.20*	4.27*	4.31*	4.47*
<b>Fuels and power</b>							
Primary energy.....	Million MT/SF <sup>b</sup> .....	N.A.	5.6*	7.2*	9.9*	10.7*	11.85*
Electric power.....	Billion kilowatt-hours.....	0.80*	2.07*	3.02*	4.66*	5.41*	11.85*
Brown coal and lignite.....	Million metric tons.....	5.8*	9.8*	12.4*	16.6*	18.0*	34.5*
<b>Minerals and metals</b>							
Crude steel.....	Million metric tons.....	0.03*	0.12*	0.26*	0.30*	0.39*	1.65* <sup>c</sup>
Refined copper.....	Thousand metric tons.....	0.1* <sup>d</sup>	3.8* <sup>d</sup>	6.1* <sup>d</sup>	14.0*	14.4*	28.3*
Lead.....	Thousand metric tons.....	2.8*	5.1*	26.1*	40.4*	42.7*	93.0*
<b>Agriculture and processed foods</b>							
Total grain.....	Million metric tons.....	2.79*	3.53*	3.45*	3.99*	3.55*	
Ginned cotton.....	Thousand metric tons.....	10.5*	20.2*	15.4*	21.1*	17.6*	
Wool (grease basis).....	Thousand metric tons.....	13.8*	14.4*	16.5*	21.0*	22.2*	
Hogs.....	Million head.....	1.04*	1.32*	1.99*	2.27*	2.55*	
Meat <sup>e</sup> .....	Thousand metric tons.....	134	155	226	204	219	
<b>Manufactured items</b>							
Sulfuric acid.....	Thousand metric tons.....	0*	19*	64*	123*	192*	500*
Soda ash.....	Thousand metric tons.....	0*	70*	99*	128*	123*	228*
<b>Services</b>							
Railroad freight traffic.....	Billion metric ton-kilometers.....	2.58*	4.12*	5.24*	6.98*	7.44*	11.6* <sup>f</sup>
Railroad freight traffic.....	Million metric tons carried.....	14.04*	23.75*	29.72*	38.41*	40.71*	63* <sup>f</sup>
<b>Trade</b>							
Imports.....	Million current US \$.....	N.A.	250*	367*	633*	N.A.	
Exports.....	Million current US \$.....	N.A.	236*	373*	571*	N.A.	
Total.....	Million current US \$.....	N.A.	486*	740*	1,204*	N.A.	

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Including the armed forces.

<sup>b</sup> Metric tons of standard fuel. Standard fuel has a calorific value of 7,000 kilocalories per kilogram.

<sup>c</sup> Estimated plan for 1965.

<sup>d</sup> Blister copper.

<sup>e</sup> Carcass weight, bone-in basis.

<sup>f</sup> Estimated performance for 1965.

Table 18  
Selected Economic Indicators for Czechoslovakia  
Selected Years, 1950-61, and 1965 Plan

	1950	1955	1958	1960	1961	1965 Plan
<b>Aggregate data</b>						
Gross national product.....	Billion 1955 US \$.....	9.5	11.5	13.7	15.1	20.5
Industrial production.....	1950=100.....	100	134	178	208	225
Gross industrial production.....	1950=100.....	100*	170*	227*	282*	307*
<b>Population</b>						
Total population (midyear).....	Million persons.....	12.4*	13.1*	13.5*	13.7*	14.1*
Labor force <sup>a</sup> (midyear).....	Million persons.....	6.01*	6.45*	6.62*	6.71*	6.91*
<b>Fuels and power</b>						
Primary energy.....	Million MT/SF <sup>b</sup> .....	N.A.	36.5*	48.6*	51.3*	55.2*
Electric power.....	Billion kilowatt-hours.....	9.28*	15.0*	19.6*	24.4*	27.0*
Brown coal and lignite.....	Million metric tons.....	27.5*	40.4*	56.4*	57.9*	64.6*
<b>Minerals and metals</b>						
Crude steel.....	Million metric tons.....	3.12*	4.47*	5.51*	6.77*	7.04*
Pig iron <sup>c</sup> .....	Thousand metric tons.....	1,951*	2,982*	3,774*	4,696*	4,971*
Iron ore.....	Million metric tons.....	1.60*	2.49*	2.80*	3.12*	3.29*
Manganese ore.....	Thousand metric tons.....	168*	260*	165*	154*	103*
Primary aluminum.....	Thousand metric tons.....	0	24.4*	26.4*	52*	56*
Mercury.....	Flasks (34.5 kilograms).....	605	752	750	750	750
<b>Agriculture and processed foods</b>						
Total grain.....	Million metric tons.....	4.73	5.10	4.83	5.74	5.60
<b>Manufactured items</b>						
Electric motors (AC).....	Thousand kilowatts.....	1,327*	1,180*	2,371*	2,950*	3,450*
Electric generators (AC).....	Thousand kilowatts.....	506*	1,179*	1,164*	1,691*	N.A.
Television receivers.....	Thousand units.....	Negl.*	17*	134*	263*	334*
Metalcutting machine tools.....	Thousand units.....	12.9*	18.5*	28.0* <sup>d</sup>	24.7* <sup>d</sup>	24.8*
Antifriction bearings.....	Million units.....	5.9*	14.3*	27.1*	37.2*	42.0*
Metallurgical equipment.....	Thousand metric tons.....	20.3*	37.3*	76.2*	90.7*	N.A.
Chemical equipment.....	Thousand metric tons.....	11	29*	41*	57*	N.A.
Tractors.....	Thousand units.....	10.5*	12.6*	24.6*	32.5*	27.8*
Automobiles.....	Thousand units.....	24.5*	12.5*	43.4*	56.2*	58.8*
<b>Services</b>						
Railroad freight traffic.....	Billion metric ton-kilometers.....	18.63*	31.70*	42.67*	47.41*	51.25*
Railroad freight traffic.....	Million metric tons carried.....	96.01*	140.22*	174.35*	194.08*	209.41*
Highway freight traffic.....	Million metric ton-kilometers.....	1,260*	2,720*	3,980*	5,108*	5,373*
Highway freight traffic.....	Million metric tons carried.....	111.3*	222.5*	334.8*	428.4*	516.2*
<b>Trade</b>						
Imports.....	Billion current US \$.....	0.6*	1.0*	1.4*	1.8*	N.A.
Exports.....	Billion current US \$.....	0.8*	1.2*	1.5*	1.9*	N.A.
Total.....	Billion current US \$.....	1.4*	2.2*	2.9*	3.7*	4.1*

\* An asterisk indicates that the data are unclassified.  
<sup>a</sup> Including the armed forces. <sup>b</sup> Metric tons of standard fuel. Standard fuel has a calorific value of 7,000 kilocalories per kilogram.  
<sup>c</sup> Including blast-furnace ferroalloys. <sup>d</sup> Including production by the Central Union of Producers Cooperatives (USVD).  
<sup>e</sup> Estimated production for 1965. <sup>f</sup> Estimated performance for 1965.

Table 19  
Selected Economic Indicators for East Germany  
Selected Years, 1950-61, and 1965 Plan

Unit of Measure	1950	1955	1958	1960	1961	1965 Plan
<b>Aggregative data</b>						
Gross national product.....	11.0	15.5	17.8	19.7	20.3	26.6
Industrial production.....	100	170	204	238	249	453*
Gross industrial production.....	100*	190*	241*	292*	309*	453*
<b>Population</b>						
Total population (midyear).....	18.4*	17.9*	17.4*	17.2*	17.1*	17.3*
Labor force <sup>a</sup> .....	8.48*	8.80*	8.64*	8.47*	8.32*	8.20* <sup>b</sup>
<b>Fuels and power</b>						
Primary energy.....	N.A.	65.6*	70.4*	73.5*	77.2*	63.3*
Electric power.....	19.5*	28.7*	34.9*	40.3*	42.5*	63.3*
Brown coal and lignite.....	137.0*	200.6*	215.0*	225.5*	237.0*	250*
<b>Minerals and metals</b>						
Crude steel.....	1.27*	2.84*	3.46*	3.79*	3.89*	5.20*
Iron ore.....	0.40*	1.66*	1.51*	1.64*	1.66*	1.67*
Refined copper.....	27.8	33.3	32.5	39.2	40.0	45.6
Sulfur.....	274	426	451	436	471	
<b>Agriculture and processed foods</b>						
Total grain.....	5.63	5.40	5.64	5.60	4.80	7.63
Cattle <sup>d</sup> .....	3.62*	3.76*	4.14*	4.68**	4.52**	5.03*
Milk.....	2,877*	4,962*	5,656*	5,730*	5,700*	7,658
<b>Manufactured items</b>						
Sulfuric acid.....	280	592*	650*	730*	818*	1,231*
Synthetic ammonia.....	242*	335*	365*	392*	395*	
Soda ash.....	103*	458*	553*	594*	599*	
Chlorine.....	142	211*	219	265*	279*	
Calcium carbide.....	606*	793*	831*	923*	951*	1,180*
Mineral fertilizers.....	1,498*	1,821*	1,984*	2,080*	2,102*	2,798*
Automobiles.....	7.2*	22.2*	38.4*	64.1*	71.0	108.0*
<b>Services</b>						
Railroad freight traffic.....	15.06*	25.22*	30.10*	32.86*	34.61*	37.4* <sup>f</sup>
Railroad freight traffic.....	128.50*	207.51*	227.20*	237.79*	250.80*	282*
<b>Trade</b>						
Imports.....	0.5*	1.2*	1.7*	2.2*	N.A.	
Exports.....	0.4*	1.3*	1.9*	2.2*	N.A.	
Total.....	0.9*	2.5*	3.6*	4.4*	N.A.	

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Including the armed forces. Data are as of midyear except 1950 which is as of 31 August.

<sup>b</sup> Assuming no emigration after 1961.

<sup>c</sup> Metric tons of standard fuel. Standard fuel has a calorific value of 7,000 kilocalories per kilogram.

<sup>d</sup> Unless otherwise indicated, data are as of 3 December.

<sup>e</sup> Data are as of 28 December.

<sup>f</sup> Estimated performance for 1965.

Table 20  
Selected Economic Indicators for Hungary  
Selected Years, 1950-61, and 1965 Plan

	Unit of Measure	1950	1955	1958	1960	1961	1965 Plan
<b>Aggregative data</b>							
Gross national product.....	Billion 1955 US \$.....	4.2	5.6	6.0	6.6	7.0	8.4
Industrial production.....	1950=100.....	100	154	179	221	245	
Gross industrial production.....	1950=100.....	100*	185*	216*	264*	293*	393*
<b>Population</b>							
Total population (midyear).....	Million persons.....	9.3*	9.8*	9.9*	10.0*	10.0*	10.2*
Labor force <sup>a</sup> (midyear).....	Million persons.....	4.41*	4.75*	4.79*	4.88*	4.92*	5.17*
<b>Fuels and power</b>							
Primary energy.....	Million MT/SF <sup>b</sup> .....	N.A.	13.9*	13.5*	15.1*	16.3*	
Electric power.....	Billion kilowatt-hours.....	3.00*	5.43*	6.48*	7.62*	8.37*	11.2* <sup>c</sup>
Brown coal and lignite.....	Million metric tons.....	11.9*	19.6*	21.6*	23.7*	25.1*	27.3*
<b>Minerals and metals</b>							
Crude steel.....	Million metric tons.....	1.05*	1.63*	1.63*	1.88*	2.05*	2.60*
Manganese ore.....	Thousand metric tons.....	79*	130*	182*	162*	180*	
Primary aluminum.....	Thousand metric tons.....	16.7*	37.0*	39.5*	49.5*	51.1*	57*
Bauxite.....	Thousand metric tons.....	578*	1,241*	1,053*	1,188*	1,400	1,525* <sup>c</sup>
<b>Agriculture and processed foods</b>							
Total grain.....	Million metric tons.....	5.50	6.62	5.66	6.88	6.20	
Wool (grease basis).....	Thousand metric tons.....	4.4*	5.7*	7.3*	8.1*	8.3	
Meat <sup>d</sup> .....	Thousand metric tons.....	338	311	320	290	335	
<b>Manufactured items</b>							
Cotton yarn.....	Thousand metric tons.....	32.8*	47.2*	46.4*	52.8*	56.6*	
Sulfuric acid.....	Thousand metric tons.....	68*	144*	148*	178*	200*	400*
Mineral fertilizers.....	Thousand metric tons of nutrients.....	40*	41*	69*	102*	127*	277*
Grain combines.....	Units.....	5*	1,535*	1,338*	2,266*	2,825*	3,400*
<b>Services</b>							
Railroad freight traffic <sup>e</sup> .....	Billion metric ton-kilometers.....	5.42*	8.80*	10.24*	13.34*	13.84*	16.2* <sup>f</sup>
Railroad freight traffic <sup>e</sup> .....	Million metric tons carried.....	41.46*	70.05*	78.52*	95.88*	98.64*	108*
Cement.....	Thousand metric tons.....	797*	1,175*	1,302*	1,571*	1,601*	2,300* <sup>g</sup>

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Including the armed forces.

<sup>b</sup> Metric tons of standard fuel. Standard fuel has a calorific value of 7,000 kilocalories per kilogram.

<sup>c</sup> Estimated production for 1965.

<sup>d</sup> Carcass weight, bone-in basis.

<sup>e</sup> Including performance of railroads owned jointly by Hungary and Austria and performance by narrow-gauge railroads for "limited public use."

<sup>f</sup> Estimated performance for 1965.

<sup>g</sup> Midpoint of the range of planned production for 1965 of 2.2 million to 2.4 million metric tons.

Table 21

Selected Economic Indicators for Poland  
Selected Years, 1950-61, and 1965 Plan

	Unit of Measure	1950	1955	1958	1960	1961	1965 Plan
<b>Aggregate data</b>							
Gross national product.....	Billion 1955 US \$.....	12.8	16.5	19.9	21.8	23.1	29.2
Industrial production.....	1950=100.....	100	158	198	232	253	514*
Gross industrial production.....	1950=100.....	100*	212*	278*	338*	373*	
<b>Population</b>							
Total population (midyear).....	Million persons.....	24.8*	27.3*	28.8*	29.5*	30.0*	31.6*
Labor force <sup>a</sup> (midyear).....	Million persons.....	12.65*	13.69*	14.10*	14.29*	14.44	15.31
<b>Fuels and power</b>							
Primary energy.....	Million MT/SF <sup>b</sup> .....	N.A.	83.8*	84.7*	93.6*	95.9*	45.5*
Electric power.....	Billion kilowatt-hours.....	9.42*	17.8*	24.0*	29.3*	32.2*	114.5*
Hard coal.....	Million metric tons.....	78.0*	94.5*	95.0*	104.4*	106.6*	9,750*
Metallurgical coke.....	Thousand metric tons.....	2,802*	6,127*	6,647*	7,712*	7,517*	
<b>Minerals and metals</b>							
Crude steel.....	Million metric tons.....	2.52*	4.43*	5.66*	6.68*	7.23*	9.30*
Pig iron <sup>c</sup> .....	Thousand metric tons.....	1,399*	2,920*	3,592*	4,260*	4,437*	6,400*
Iron ore.....	Million metric tons.....	0*	1.70*	1.96*	2.18*	2.39*	3.12*
Primary aluminum.....	Thousand metric tons.....	22.2*	20.4*	22.4*	26.0*	47.6*	75.0*
Lead.....	Thousand metric tons.....	113.6*	34.2*	34.2*	34.2*	39.8*	52.5*
Refined zinc.....	Thousand metric tons.....	320*	156.2*	162.6*	175.5*	182.0*	230.0*
Cadmium metal.....	Metric tons.....		440*	458*	497*	513*	700* <sup>d</sup>
<b>Agriculture and processed foods</b>							
Total grain.....	Million metric tons.....	11.58*	12.66*	13.53*	13.09	14.25	15.56*
Cattle <sup>e</sup> .....	Million head.....	7.20*	7.91*	8.21*	8.70*	9.17*	10.50*
Meat <sup>f</sup> .....	Thousand metric tons.....	858	894	1,180	1,102	1,220	2,855* <sup>g</sup>
<b>Manufactured items</b>							
Cotton yarn.....	Thousand metric tons.....	92.1*	115.3*	134.6*	153.0*	164.5*	1,325*
Sulfuric acid.....	Thousand metric tons.....	285*	450*	572*	685*	794*	725*
Soda ash.....	Thousand metric tons.....	139*	207*	362*	481*	526*	864*
Mineral fertilizers.....	Thousand metric tons of nutrients.....	160*	286*	382*	477*	517*	34.0*
Commercial vehicles.....	Thousand units.....	0.8*	12.8*	13.8*	23.9*	23.6*	
<b>Services</b>							
Railroad freight traffic.....	Billion metric ton-kilometers.....	35.14*	51.97*	57.19*	66.55*	70.00*	81.0* <sup>h</sup>
Railroad freight traffic.....	Million metric tons carried.....	160.30*	236.40*	250.00*	286.88*	300.94*	324*
<b>Trade</b>							
Imports.....	Billion current US \$.....	N.A.	1.0*	1.2*	1.5*	1.7	
Exports.....	Billion current US \$.....	N.A.	0.9*	1.1*	1.3*	1.5	
Total.....	Billion current US \$.....	1.3*	1.9*	2.3*	2.8*	3.2	

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Including the armed forces. <sup>b</sup> Metric tons of standard fuel. Standard fuel has a calorific value of 7,000 kilocalories per kilogram.

<sup>c</sup> Including blast-furnace ferroalloys. <sup>d</sup> Estimated plan for 1965. <sup>e</sup> Data are as of 30 June.

<sup>f</sup> Unless otherwise indicated, carcass weight, bone-in basis. Including edible offal. <sup>g</sup> Live-weight basis. <sup>h</sup> Estimated performance for 1965.

Table 22  
Selected Economic Indicators for Rumania  
Selected Years, 1950-61, and 1965 Plan

	Unit of Measure	1950	1955	1958	1960	1961	1965 Plan
<b>Aggregate data</b>							
Gross national product.....	Billion 1955 US \$.....	4.7	7.8	7.7	9.5	10.1	14.8
Industrial production.....	1950 = 100.....	100	155	209	259	293	
Gross industrial production.....	1950 = 100.....	100*	202*	267*	340*	393*	615*
Population							
Total population (midyear).....	Million persons.....	16.3*	17.3*	18.1*	18.4*	18.6*	19.3*
Labor force <sup>a</sup> (midyear).....	Million persons.....	9.75*	10.40*	10.66*	10.78*	10.87	11.39
Fuels and power							
Primary energy.....	Million MT/SF <sup>b</sup> .....	N.A.	27.0*	31.6*	34.8*	35.9*	
Electric power.....	Billion kilowatt-hours.....	2.11*	4.34*	6.18*	7.63*	8.63*	18.5*
Brown coal and lignite.....	Million metric tons.....	1.2*	2.8*	3.5*	3.7*	3.9*	6*c
Crude oil.....	Million metric tons.....	5.0*	10.6*	11.3*	11.5*	11.6*	12.2*
Natural gas.....	Billion cubic meters.....	3.2*	6.2*	8.3*	10.1*	10.7*	17.0*c
Petroleum products.....	Million metric tons.....	4.9	10.1*	10.6*	10.8*	11.1	
Gasoline.....	Thousand metric tons.....	1,502*	2,635*	2,821*	2,792*	2,770*	
Diesel fuel.....	Thousand metric tons.....	731*	1,626*	1,807*	2,376*	2,630*	
Minerals and metals							
Crude steel.....	Million metric tons.....	0.56*	0.77*	0.93*	1.81*	2.13*	3.30*
Iron ore.....	Million metric tons.....	0.39*	0.64*	0.74*	1.46*	1.74*	4.00*
Manganese ore.....	Thousand metric tons.....	93*	390*	200*	169*	160*	
Agriculture and processed foods							
Total grain.....	Million metric tons.....	5.15	8.62	6.44	8.58	9.29	14 to 16
Wool (grease basis).....	Thousand metric tons.....	16.8	20.7*	19.6*	21.8*	23.5	37*
Vegetable oils.....	Thousand metric tons.....	60	66.8	68.9	144.4	130	
Manufactured items							
Grain combines.....	Units.....	50*	0*	5,801*	5,500*	6,129*	25.0*
Tractors.....	Thousand units.....	3.5*	3.5*	7.0*	17.1*	20.0*	
Services							
Railroad freight traffic.....	Billion metric ton-kilometers.....	7.60*	14.68*	17.02*	19.82*	22.22*	23.7*d
Railroad freight traffic.....	Million metric tons carried.....	35.07*	58.96*	66.64*	77.49*	85.63*	97 <sup>d</sup>

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Including the armed forces.

<sup>b</sup> Metric tons of standard fuel. Standard fuel has a calorific value of 7,000 kilocalories per kilogram.

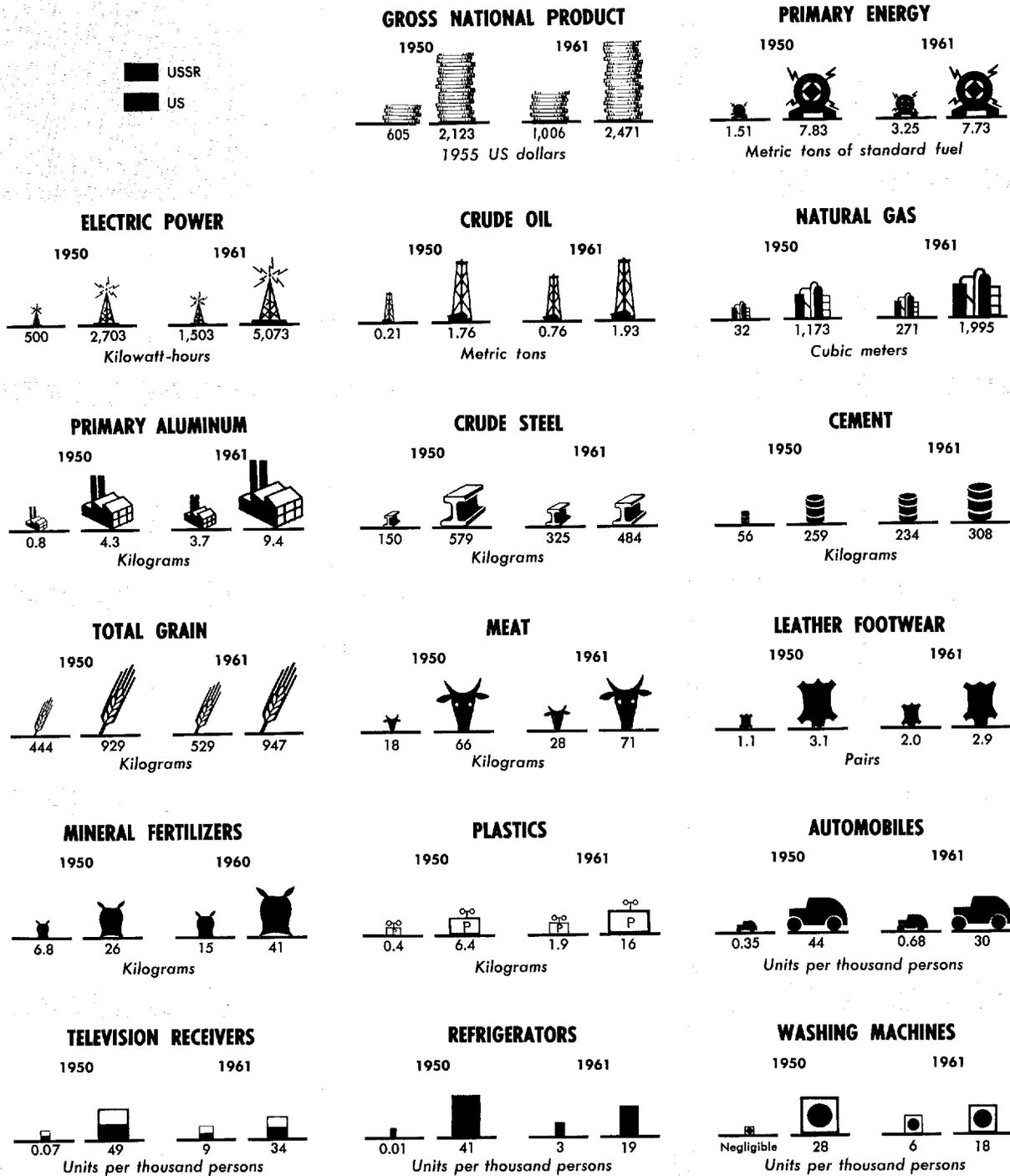
<sup>c</sup> Estimated production for 1965.

<sup>d</sup> Estimated performance for 1965.

**SECRET**

# PER CAPITA PRODUCTION OF SELECTED COMMODITIES IN THE USSR AND THE US 1950 AND 1961†

Figure 2



† Except for mineral fertilizers, data are for 1961 and are preliminary.  
 The size of the symbol does not indicate the order of magnitude.

**SECRET**

GROUP 1  
 EXCLUDED FROM AUTOMATIC DOWNGRADING  
 AND DECLASSIFICATION

Table 23  
Apparent Consumption of Selected Products of Light Industry and of Consumer Durable Goods for the US and the USSR  
1955, 1958, and 1960

Product, Unit of Measure, and Country	1955	1958	1960
Apparent Consumption <sup>a</sup>			
Cotton fabric (million square meters)			
US.....	9,612*	8,478*	8,464*
USSR.....	4,337*	4,203*	4,799*
Wool fabric (million square meters)			
US.....	474.1*	410.7*	448.2*
USSR.....	334*	402*	472*
Leather footwear <sup>b</sup> (million pairs)			
US.....	512.4*	527.8*	534.7*
USSR.....	272*	381*	449*
Refrigerators (thousand units)			
US <sup>c</sup> .....	3,896*	2,809*	3,222*
USSR.....	151*	347*	513*
Washing machines (thousand units)			
US <sup>c</sup> .....	4,237*	3,584*	3,179*
USSR.....	87*	539*	953*
Consumption Per Capita <sup>d</sup>			
Cotton fabric (square meters)			
US.....	58*	49*	47*
USSR.....	22*	20*	22*
Wool fabric (square meters)			
US.....	2.9*	2.4*	2.5*
USSR.....	1.7*	1.9*	2.2*
Leather footwear (pairs)			
US.....	3.1*	3.0*	3.0*
USSR.....	1.4*	1.8*	2.1*
Consumption per Thousand Persons <sup>d</sup>			
Refrigerators (units)			
US.....	23.6*	16.1*	18.9*
USSR.....	0.8*	1.7*	2.4*
Washing machines (units)			
US.....	25.6*	20.6*	17.6*
USSR.....	0.4*	2.6*	4.5*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data are for apparent consumption and are derived by subtracting exports and adding imports to production.

<sup>b</sup> Data refer to footwear with leather or mainly leather uppers but exclude slippers and rubber footwear.

<sup>c</sup> Producer sales.

<sup>d</sup> Based on midyear population.

Table 24  
Estimated Population  
Selected Years, 1950-80

Country	Midyear Population in Millions									
	1950	1955	1958	1960	1961	1962	1965	1970	1975	1980
NATO	418*	445*	462*	476*	482*	488*	507*	540*	578*	620*
US	151.7*	165.3*	174.1*	180.7*	183.7*	186.7*	196.2*	214.2*	235.3*	259.6*
Other NATO Countries	266.0*	279.3*	288.4*	295.1*	298.2*	301.4*	311.2*	326.3*	342.8*	360.6*
Belgium	8.6*	8.9*	9.1*	9.2*	9.2*	9.3*	9.4*	9.6*	9.9*	10.2*
Canada	13.7*	15.7*	17.1*	17.9*	18.2*	18.6*	19.9*	22.1*	24.6*	27.4*
Denmark	4.3*	4.4*	4.5*	4.6*	4.6*	4.6*	4.7*	4.9*	5.0*	5.2*
France	41.7*	43.3*	44.6*	45.5*	46.0*	46.4*	47.8*	49.4*	51.4*	53.4*
West Germany	47.8*	50.2*	52.1*	53.4*	54.2*	54.7*	56.0*	57.5*	58.8*	60.0*
West Berlin	2.1*	2.2*	2.2*	2.2*	2.2*	2.2*	2.2*	2.2*	2.2*	2.2*
Greece	7.6*	8.0*	8.2*	8.3*	8.4*	8.5*	8.8*	9.2*	9.7*	10.2*
Iceland	0.1*	0.2*	0.2*	0.2*	0.2*	0.2*	0.2*	0.2*	0.2*	0.3*
Italy	46.6*	48.1*	48.7*	49.4*	49.5*	49.8*	50.7*	52.3*	53.9*	55.5*
Luxembourg	0.3*	0.3*	0.3*	0.3*	0.3*	0.3*	0.3*	0.3*	0.3*	0.4*
Netherlands	10.1*	10.8*	11.2*	11.5*	11.6*	11.8*	12.3*	13.0*	13.8*	14.6*
Norway	3.3*	3.4*	3.5*	3.6*	3.6*	3.6*	3.7*	3.9*	4.1*	4.3*
Portugal	8.4*	8.7*	8.8*	8.9*	8.9*	9.0*	9.1*	9.4*	9.7*	9.9*
Turkey	20.8*	23.9*	26.0*	27.6*	28.4*	29.2*	31.8*	36.8*	42.5*	49.1*
UK	50.6*	51.2*	51.9*	52.5*	52.9*	53.2*	54.3*	55.5*	56.7*	57.9*
Sino-Soviet Bloc	844*	927*	987*	1,029*	1,047*	1,067*	1,125*	1,229*	1,343*	1,467*
USSR	182.4*	197.0*	207.0*	214.0*	217.5*	220.9*	231.1*	247.2*	263.4*	280.7*
Asian Countries	572*	636*	683*	716*	730*	746*	791*	875*	967*	1,068*
Communist China	547*	611*	657*	689*	702*	717*	760*	840*	927*	1,023*
North Korea	9.6*	9.0*	10.0*	10.6*	11.0*	11.3*	12.3*	14.1*	16.2*	18.6*
North Vietnam	14.7*	14.9*	15.4*	16.0*	16.3*	16.6*	17.7*	19.8*	22.2*	24.8*
Mongolia	0.8*	0.8*	0.9*	0.9*	0.9*	1.0*	1.0*	1.2*	1.4*	1.6*
European Satellites	89.7*	94.3*	96.9*	98.3*	99.1*	100.1*	102.6*	107.1*	112.3*	118.0*
Albania	1.2*	1.4*	1.5*	1.6*	1.7*	1.7*	1.9*	2.2*	2.6*	3.1*
Bulgaria	7.3*	7.5*	7.7*	7.9*	7.9*	8.0*	8.2*	8.5*	8.9*	9.2*
Czechoslovakia	12.4*	13.1*	13.5*	13.7*	13.8*	13.9*	14.1*	14.7*	15.3*	15.9*
East Germany	18.4*	17.9*	17.4*	17.2*	17.1*	17.2*	17.3*	17.5*	17.7*	18.0*
Hungary	9.3*	9.8*	9.9*	10.0*	10.0*	10.1*	10.2*	10.5*	10.7*	11.0*
Poland	24.8*	27.3*	28.8*	29.5*	30.0*	30.4*	31.6*	33.7*	36.3*	39.1*
Rumania	16.3*	17.3*	18.1*	18.4*	18.6*	18.8*	19.3*	20.0*	20.8*	21.7*
Cuba	5.5*	6.1*	6.5*	6.7*	6.8*	6.8*	7.0*	7.2*	7.5*	7.9*

\* An asterisk indicates that the data are unclassified.

Table 25

Labor Force <sup>a</sup> in the US and the Sino-Soviet Bloc  
Selected Years, 1950-65

Country	Million Persons					
	1950	1955	1958	1960	1961	1965
US <sup>b</sup>	64.7*	68.9*	71.3*	73.1*	74.2*	
Sino-Soviet Bloc	<b>394</b>	<b>437</b>	<b>456</b>	<b>N.A.</b>	<b>N.A.</b>	
USSR <sup>c</sup>	94.9*	101.4*	105.7*	110.2*	111.4*	115.3*
Communist China <sup>d</sup>	241*	276*	289*	N.A.	N.A.	
North Korea <sup>d</sup>	4.1	3.6	4.0	4.3	4.4	4.9
North Vietnam <sup>d</sup>	7.6	7.5	7.8	8.2	8.4	9.2
European Satellites	<b>46.1*</b>	<b>48.9*</b>	<b>49.8*</b>	<b>50.2*</b>	<b>50.4*</b>	<b>52.4*</b>
Albania	0.65*	0.74*	0.79*	0.84*	0.86*	0.94*
Bulgaria	4.11*	4.11*	4.20*	4.27*	4.31*	4.47*
Czechoslovakia	6.01*	6.45*	6.62*	6.67*	6.71*	6.91*
East Germany	8.48* <sup>e</sup>	8.80*	8.64*	8.47*	8.32*	8.20* <sup>f</sup>
Hungary	4.41*	4.75*	4.79*	4.88*	4.92*	5.17*
Poland	12.65*	13.69*	14.10*	14.29*	14.44*	15.31*
Rumania	9.75*	10.40*	10.66*	10.78*	10.87*	11.39*

\*An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data include the armed forces and are as of midyear.

<sup>b</sup> Annual averages of monthly data including unemployed persons.

<sup>c</sup> Average annual employment in state enterprises and total number of participants on collective farms. Excluding militarized security forces.

<sup>d</sup> Excluding the armed forces.

<sup>e</sup> Data are as of 31 August.

<sup>f</sup> Assuming no emigration after 1961.

Table 26  
 Agricultural Employment <sup>a</sup> in the US and the Sino-Soviet Bloc  
 Selected Years, 1950-65

Country	Million Persons					
	1950	1955	1958	1960	1961	1965
US <sup>b</sup> .....	7.50*	6.72*	5.84*	5.72*	5.46*	
Sino-Soviet Bloc.....	<b>295</b>	<b>319</b>	<b>330</b>	<b>N.A.</b>	<b>N.A.</b>	
USSR.....	50.8*	50.5*	51.0*	51.0*	50.3*	47.8*
Communist China.....	211*	237*	248*	N.A.	N.A.	
North Korea.....	3.1	2.5	2.3	2.3	2.3	2.2
North Vietnam.....	6.3	6.2	6.3	6.4	6.5	6.9
European Satellites.....	<b>24.0*</b>	<b>23.2*</b>	<b>22.9*</b>	<b>22.2*</b>	<b>22.0*</b>	<b>21.6*</b>
Albania.....	0.54*	0.57*	0.59*	0.61*	0.62*	0.66*
Bulgaria.....	2.79*	2.63*	2.65*	2.59*	2.57*	2.48*
Czechoslovakia.....	2.17*	2.05*	1.88*	1.58*	1.52*	1.24*
East Germany.....	2.07* <sup>c</sup>	1.74*	1.59*	1.43*	1.38*	1.28* <sup>d</sup>
Hungary.....	2.14*	2.00*	1.99*	1.84*	1.80*	1.64*
Poland.....	7.01*	6.94*	6.78*	6.71*	6.70*	6.71*
Rumania.....	7.27*	7.26*	7.42*	7.41*	7.42*	7.54*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Excluding the armed forces. Unless otherwise indicated, data are as of midyear.

<sup>b</sup> Annual averages of monthly data.

<sup>c</sup> Data are as of 31 August.

<sup>d</sup> Assuming no emigration after 1961.

Table 27

Nonagricultural Employment <sup>a</sup> in the US and the Sino-Soviet Bloc  
Selected Years, 1950-65

Country	Million Persons					
	1950	1955	1958	1960	1961	1965
US <sup>b</sup>	52.3*	56.2*	58.1*	61.0*	61.3*	
Sino-Soviet Bloc	98.5	118	126	N.A.	N.A.	
USSR <sup>c</sup>	44.1*	50.9*	54.7*	59.2*	61.1*	67.5*
Communist China <sup>d</sup>	30.0*	39.0*	41.0*	N.A.	N.A.	
North Korea <sup>d</sup>	1.0	1.1	1.7	2.0	2.1	2.7
North Vietnam <sup>d</sup>	1.3	1.3	1.6	1.8	1.9	2.3
European Satellites	22.1*	25.8*	26.9*	28.0*	28.4*	30.9*
Albania	0.11*	0.17*	0.21*	0.23*	0.24*	0.29*
Bulgaria	1.33*	1.48*	1.55*	1.68*	1.74*	1.99*
Czechoslovakia	3.84*	4.41*	4.73*	5.09*	5.19*	5.67*
East Germany	6.41* <sup>e</sup>	7.06*	7.05*	7.04*	6.94*	6.92* <sup>f</sup>
Hungary	2.26*	2.75*	2.80*	3.03*	3.12*	3.54*
Poland	5.64*	6.74*	7.32*	7.58*	7.74*	8.60*
Rumania	2.49*	3.14*	3.25*	3.37*	3.45*	3.85*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data include the armed forces and are as of midyear.

<sup>b</sup> Annual averages of monthly data excluding the armed forces.

<sup>c</sup> Excluding militarized security forces.

<sup>d</sup> Excluding the armed forces.

<sup>e</sup> Data are as of 31 August.

<sup>f</sup> Assuming no emigration after 1961.

Table 28  
Production of Primary Energy <sup>a</sup>  
Selected Years, 1955-61, and 1965 Plan

Country	Million MT/SF <sup>b</sup>				
	1955	1958	1960	1961	1965 Plan
NATO <sup>c</sup> .....	1,990*	2,030*	2,070*	2,090*	
US.....	1,360*	1,370*	1,420*	1,420*	
Sino-Soviet Bloc.....	768	1,070	N.A.	N.A.	
USSR.....	435.7*	580.2*	662.8*	707.7*	1,003*
Communist China.....	94.2	219.0	N.A.	N.A.	
North Korea.....	4.3	9.6	13.4	15.3	
North Vietnam.....	0.6	1.4	2.3	2.4	
European Satellites.....	233*	257*	279*	292*	
Albania.....	0.4*	0.7*	1.2*	1.3*	
Bulgaria.....	5.6*	7.2*	9.9*	10.7*	
Czechoslovakia.....	36.5*	48.6*	51.3*	55.2*	
East Germany.....	65.6*	70.4*	73.5*	77.2*	
Hungary.....	13.9*	13.5*	15.1*	16.3*	
Poland.....	83.8*	84.7*	93.6*	95.9*	
Rumania.....	27.0*	31.6*	34.8*	35.9*	

Other NATO Countries

Country	1955	1961	Country	1955	1961	Country	1955	1961
Belgium.....	30.0*	21.6*	Iceland.....	0.2*	0.2*	Portugal.....	1.1*	1.8*
Canada.....	74.7*	116*	Italy.....	19.4*	36.3*	Saar.....	17.3*	N.A.* <sup>d</sup>
Denmark.....	0.2*	Negl.*	Luxembourg.....	Negl.*	Negl.*	Turkey.....	4.3*	5.3*
France.....	67.9*	76.4*	Netherlands.....	13.5*	15.5*	UK.....	226*	195*
Greece.....	0.4*	1.0*	Norway.....	9.4*	13.6*	West Germany...	168*	186*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data refer to production of primary energy from major sources of supply, including coal, crude oil, natural gas, and hydroelectric power, and exclude energy from minor sources such as peat, shale, and fuelwood.

<sup>b</sup> Metric tons of standard fuel. Standard fuel has a calorific value of 7,000 kilocalories per kilogram.

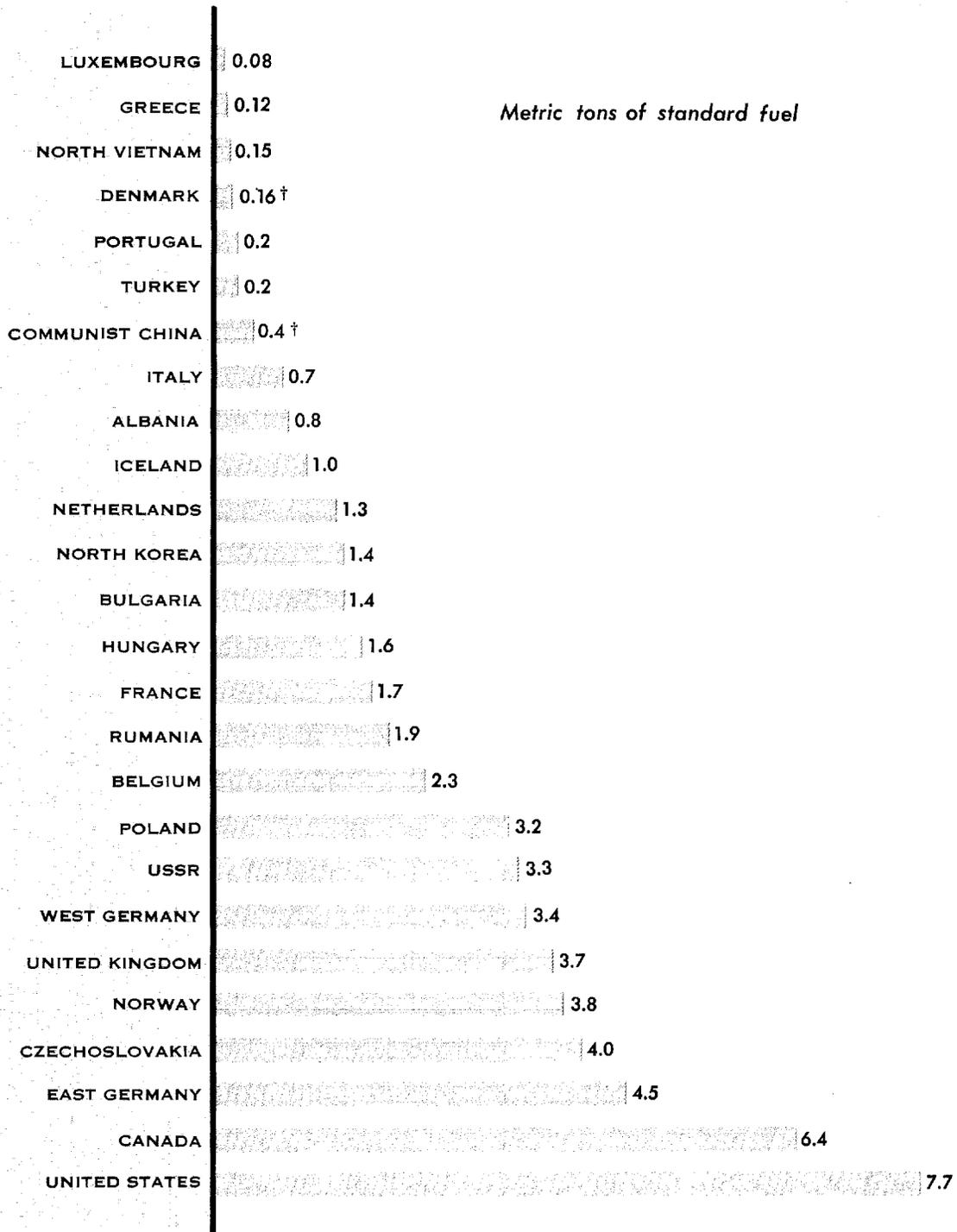
<sup>c</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>d</sup> Data for the Saar are included with West Germany.

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Figure 3

### PER CAPITA PRODUCTION OF PRIMARY ENERGY IN SELECTED COUNTRIES, 1961



† Data are for 1959.

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GROUP 1  
EXCLUDED FROM AUTOMATIC DOWNGRADING  
AND DECLASSIFICATION

Table 29  
Production of Electric Power <sup>a</sup>  
Selected Years, 1950-61, and 1965 Plan

Country	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup> .....	683*	1,070*	1,260*	1,470*	1,540*	
Total US.....	410*	668*	768*	892*	932*	
Of which: Hydro.....	101*	116*	144*	149*	155*	
Sino-Soviet Bloc.....	145*	259*	365*	N.A.	N.A.	
Total USSR.....	91.2*	170*	235*	292*	327*	520*
Of which: Hydro.....	12.7*	23.2*	46.5*	50.9*	58.0*	100*
Communist China.....	4.55*	12.3*	27.5*	N.A.	N.A.	
North Korea.....	4.58*	3.14*	7.63*	9.14*	10.4*	17* <sup>o</sup>
North Vietnam.....	0.07* <sup>d</sup>	0.05*	0.16*	0.26*	0.31*	0.71*
European Satellites.....	44.1*	73.4*	94.3*	114*	124*	
Albania.....	0.02*	0.08*	0.15*	0.19*	0.21* <sup>o</sup>	0.33*
Bulgaria.....	0.80*	2.07*	3.02*	4.66*	5.41*	11.85*
Czechoslovakia.....	9.28*	15.0*	19.6*	24.4*	27.0*	39*
East Germany.....	19.5*	28.7*	34.9*	40.3*	42.5*	63.3*
Hungary.....	3.00*	5.43*	6.48*	7.62*	8.37*	11.2* <sup>f</sup>
Poland.....	9.42*	17.8*	24.0*	29.3*	32.2*	45.5*
Rumania.....	2.11*	4.34*	6.18*	7.63*	8.63*	18.5*
Cuba.....	1.3	1.8	2.4	2.9	2.4	

Other NATO Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Belgium.....	9.1*	16.1*	Iceland.....	0.2*	0.6*	Portugal.....	1.0*	3.6*
Canada.....	55.7*	113.7*	Italy.....	24.9*	58.7*	Saar.....	1.7*	N.A.* <sup>g</sup>
Denmark.....	2.4*	5.4*	Luxembourg.....	0.7*	1.5*	Turkey.....	0.8*	3.2*
France.....	34.4*	75.5*	Netherlands.....	7.9*	17.8*	UK.....	68.3*	148.4*
Greece.....	0.7*	2.6*	Norway.....	17.8*	33.4*	West Germany..	46.7*	124.3*

Other Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Austria.....	6.5*	16.6*	Japan.....	45.4*	128.3*	Switzerland.....	10.5*	21.7*
Finland.....	4.2*	10.2*	Spain.....	7.1*	19.9*	Yugoslavia.....	2.5*	10.0*
India.....	6.5*	24.4*	Sweden.....	18.2*	38.5*			

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data refer to total (gross) production at generating centers (therefore including transmission losses and station use). (See footnote b, below.)

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." Data are gross estimates based on reported net, adjusted by increasing by 7.5 percent the thermal electric production to include production that is consumed by the station itself. Hydroelectric production that is consumed by the station itself is a negligible part of the total gross production. Therefore, no attempt has been made to adjust the net production for hydroelectric power.

<sup>o</sup> Plan data for 1967.

<sup>d</sup> Including production from all areas of Indochina.

<sup>e</sup> Plan data.

<sup>f</sup> Estimated plan for 1965.

<sup>g</sup> Data for the Saar are included with West Germany.

Table 30  
 Production of Coal,<sup>a</sup> in Standard Fuel  
 Selected Years, 1955-61, and 1965 Plan

Country	Million MT/SF <sup>b</sup>				
	1955	1958	1960	1961	1965 Plan
NATO <sup>c</sup> .....	963*	903*	869*	844*	
US.....	446*	392*	395*	377*	
Sino-Soviet Bloc.....	607*	803*	N.A.	N.A.	
USSR.....	310.8*	362.1*	373.1*	372.7*	423.8* <sup>d</sup>
Communist China.....	91.3*	213.3*	N.A.	N.A.	
North Korea.....	2.4*	5.2*	8.0*	9.2*	
North Vietnam.....	0.6*	1.4*	2.3*	2.4*	
European Satellites.....	202*	221*	239*	250*	
Albania.....	0.1*	0.1*	0.1*	0.1*	0.2* <sup>d</sup>
Bulgaria.....	5.1*	6.4*	8.7*	9.4*	18.5* <sup>d</sup>
Czechoslovakia.....	35.2*	45.5*	47.9*	51.4*	59.9* <sup>d</sup>
East Germany.....	65.4*	70.1*	73.2*	76.8*	81.0* <sup>d</sup>
Hungary.....	10.9*	11.8*	12.9*	13.8*	15.2* <sup>d</sup>
Poland.....	82.7*	83.6*	92.2*	94.2*	105.9* <sup>d</sup>
Rumania.....	2.7*	3.2*	3.6*	3.8*	5.1* <sup>d</sup>

Other NATO Countries

Country	1955	1961	Country	1955	1961	Country	1955	1961
Belgium.....	29.9*	21.5*	Italy.....	1.2*	1.2*	Saar.....	17.3*	N.A.* <sup>e</sup>
Canada.....	12.0*	8.0*	Netherlands.....	12.0*	12.6*	Turkey.....	3.8*	4.2*
Denmark.....	0.2*	N.A.*	Norway.....	0.3*	0.4*	UK.....	225.2*	193.5*
France.....	55.9*	53.2*	Portugal.....	0.4*	0.5*	West Germany...	158.0*	170.9*
Greece.....	0.2*	0.7*						

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data refer to production of primary energy from hard coal (anthracite and bituminous), brown coal, and lignite. For actual tonnages of hard or brown coal, see Tables 31 and 32 (pp. 35 and 36, respectively, below).

<sup>b</sup> Metric tons of standard fuel. Standard fuel has a calorific value of 7,000 kilocalories per kilogram.

<sup>c</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>d</sup> Estimated production for 1965.

<sup>e</sup> Data for the Saar are included with West Germany.

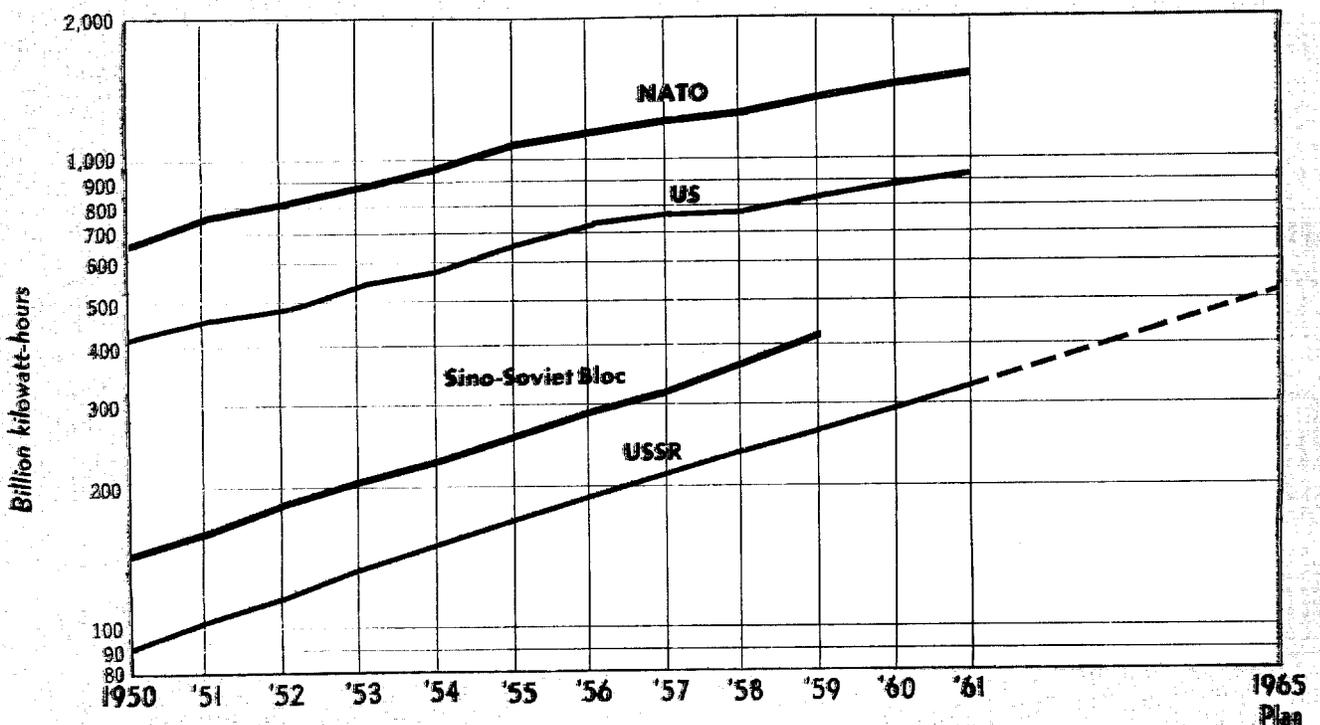
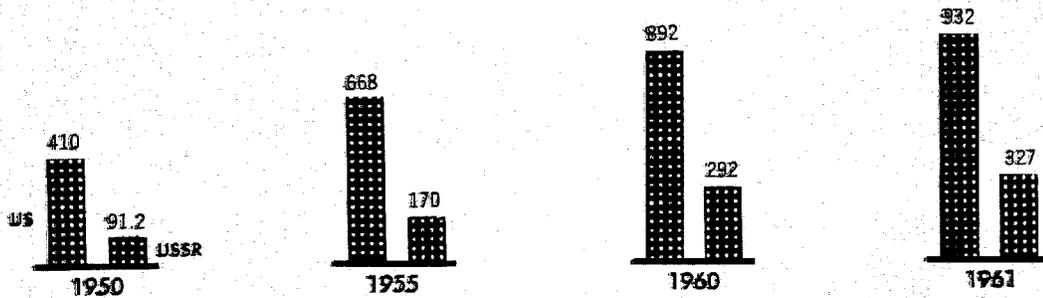
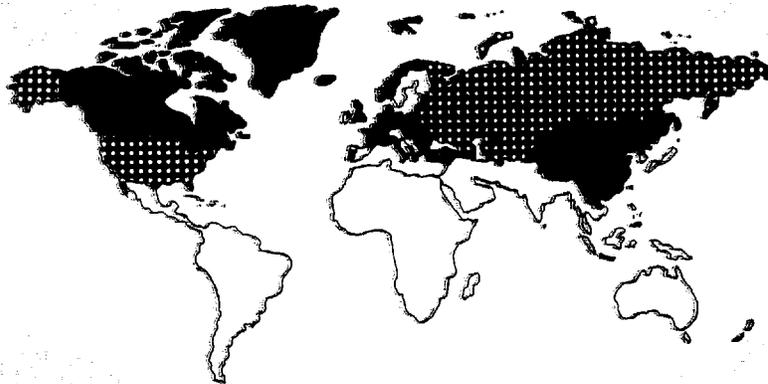
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Figure 4

# PRODUCTION OF ELECTRIC POWER IN SELECTED AREAS SELECTED YEARS, 1950-61, AND 1965 PLAN

*Billion kilowatt-hours*



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GROUP 1  
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AND DECLASSIFICATION

Table 31  
 Production of Hard Coal <sup>a</sup>  
 Selected Years, 1950-61, and 1965 Plan

Million Metric Tons						
Country	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup> .....	<b>965*</b>	<b>933*</b>	<b>872*</b>	<b>837*</b>	<b>812*</b>	
US.....	508.4*	445.3*	391.6*	394.0*	376.2*	
Sino-Soviet Bloc.....	<b>334*</b>	<b>502*</b>	<b>758*</b>	N.A.	N.A.	
USSR.....	185.2*	276.6*	353.0*	374.9*	374.5*	420* <sup>c</sup>
Communist China <sup>d</sup> .....	42.9*	98.3*	270.2*	N.A.	N.A.	
North Korea.....	1.9*	1.9*	4.3*	6.9*	7.8*	
North Vietnam.....	0.5* <sup>e</sup>	0.6*	1.5*	2.4*	2.6*	
European Satellites.....	<b>104*</b>	<b>124*</b>	<b>129*</b>	<b>141*</b>	<b>144*</b>	
Bulgaria.....	0.2*	0.3*	0.4*	0.6*	0.6*	1.9*
Czechoslovakia.....	18.5*	20.6*	23.9*	26.2*	26.2*	31.4*
East Germany.....	2.8*	2.7*	2.9*	2.7*	2.7*	2.8*
Hungary.....	1.4*	2.7*	2.6*	2.8*	3.1*	3.7* <sup>c</sup>
Poland.....	78.0*	94.5*	95.0*	104.4*	106.6*	114.5*
Rumania.....	2.7*	3.4*	3.9*	4.5*	4.8*	6.0* <sup>c</sup>

Other NATO Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Belgium.....	27.3*	21.5*	Netherlands.....	12.2*	12.6*	Turkey.....	2.8*	3.8*
Canada.....	15.4*	7.4*	Norway <sup>f</sup> .....	0.4*	0.4*	UK <sup>h</sup> .....	219.8*	193.5*
France.....	50.8*	52.4*	Portugal.....	0.4*	0.5*	West Germany..	111.1*	142.7*
Italy.....	1.0*	0.7*	Saar.....	15.0*	N.A.* <sup>g</sup>			

Other Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Australia.....	16.8*	24.2*	Japan.....	38.5*	54.5*	Spain.....	11.0*	13.8*
India.....	32.8*	56.1*						

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data refer to anthracite and bituminous coal.

<sup>b</sup> NATO totals include only data for the US and those NATO countries listed under "Other NATO Countries."

<sup>c</sup> Estimated production for 1965.

<sup>d</sup> Including a negligible amount of brown coal.

<sup>e</sup> Including production from all areas of Indochina.

<sup>f</sup> Norwegian mines in Svalbard only.

<sup>g</sup> Data for the Saar are included with West Germany.

<sup>h</sup> Excluding Northern Ireland.

Table 32  
Production of Brown Coal and Lignite  
Selected Years, 1950-61, and 1965 Plan

Country	Million Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>a</sup> .....	85.5*	101*	107*	110*	110*	
US.....	3.1*	2.9*	2.2*	2.5*	2.7*	
Sino-Soviet Bloc <sup>b</sup> .....	266*	395*	462*	479*	499*	
USSR.....	75.9*	114.6*	143.1*	138.3*	136.0*	145* °
North Korea.....	1.6*	1.4*	2.6*	3.7*	4.1*	
European Satellites.....	188*	279*	317*	337*	359*	
Albania.....	<i>Negl.*</i>	0.2*	0.3*	0.3*	0.3*	0.4* °
Bulgaria.....	5.8*	9.8*	12.4*	16.6*	18.0*	34.5*
Czechoslovakia.....	27.5*	40.4*	56.4*	57.9*	64.6*	74.3*
East Germany.....	137.0*	200.6*	215.0*	225.5*	237.0*	250*
Hungary.....	11.9*	19.6*	21.6*	23.7*	25.1*	27.3*
Poland.....	4.8*	6.0*	7.5*	9.3*	10.3*	27*
Rumania.....	1.2*	2.8*	3.5*	3.7*	3.9*	6* °

Other NATO Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Canada.....	2.0*	2.0*	Greece.....	0.2*	2.5*	Portugal.....	0.1*	0.2*
Denmark.....	0.8*	<i>N.A.*</i>	Italy.....	0.8*	1.5*	Turkey <sup>d</sup> .....	0.7*	1.3*
France.....	1.7*	2.9*	Netherlands.....	0.2*	<i>Negl.*</i>	West Germany...	75.9*	97.2*

Other Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Australia.....	7.4*	16.6*	Japan.....	1.3*	1.3*	Spain.....	1.3*	2.1*
Austria.....	4.3*	5.7*	New Zealand.....	1.8*	2.2*	Yugoslavia.....	11.7*	22.8*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

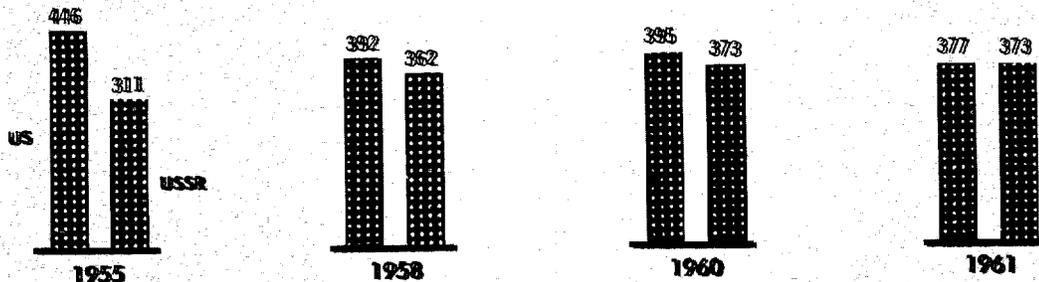
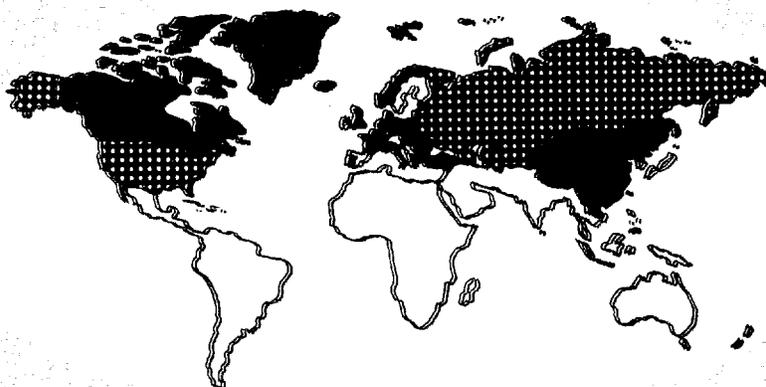
<sup>b</sup> Negligible production in Communist China is included in hard coal.

<sup>c</sup> Estimated production for 1965.

<sup>d</sup> State-owned mines only; about 87 percent of the total production in 1960.

# PRODUCTION OF COAL,† IN STANDARD FUEL, IN SELECTED AREAS SELECTED YEARS, 1955-61, AND 1965 PLAN

*Million metric tons of standard fuel*



† Including hard coal (anthracite and bituminous) and brown coal and lignite.

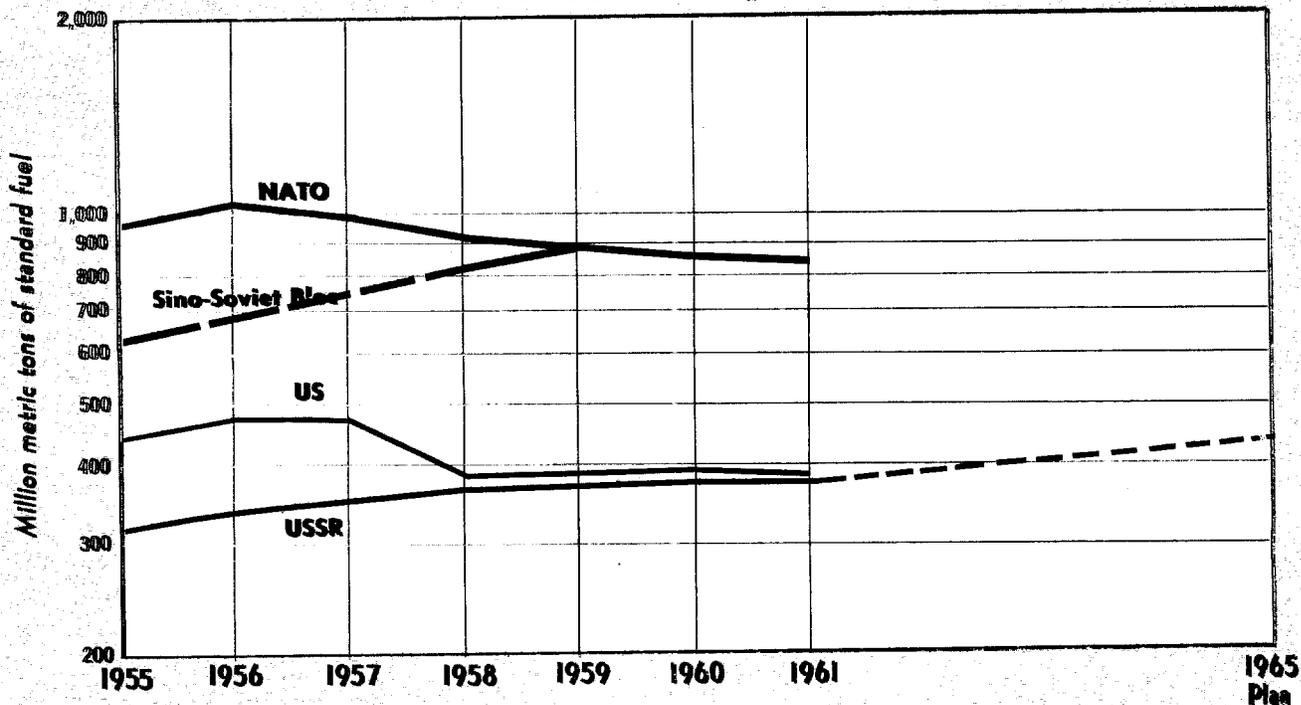


Table 33  
 Production of Metallurgical Coke <sup>a</sup>  
 Selected Years, 1950-61, and 1965 Plan

Country	Thousand Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup>	132,000*	159,000*	146,000*	149,000*	143,000*	
US	65,969*	68,313*	48,629*	51,917*	46,896*	
Sino-Soviet Bloc	36,300	59,700	71,800	N.A.	N.A.	
USSR	27,700*	43,600*	50,900*	56,200*	57,800*	80,000*
Communist China <sup>c</sup>	1,200*	3,658*	6,300*	N.A.	N.A.	
North Korea	253*	207*	390*	1,015*	1,290*	
North Vietnam	0	0	44*	56*	56*	
European Satellites	7,180	12,200	14,200	17,000	17,200	
Bulgaria <sup>d</sup>	9*	10*	10*	20*	20*	
Czechoslovakia	4,047*	5,460*	5,836*	6,842*	7,000*	9,750*
East Germany	254	465 <sup>e</sup>	784 <sup>e</sup>	1,073 <sup>e</sup>	1,100 <sup>e</sup>	1,320 <sup>e</sup>
Hungary <sup>f</sup>	0*	30*	335*	499*	597*	640*
Poland	2,802*	6,127*	6,647*	7,712*	7,517*	9,750*
Rumania	72*	144*	563*	820*	940*	1,600*

Other NATO Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Belgium	4,597*	7,254*	Italy	1,417*	3,907*	Turkey	308*	592*
Canada	3,154*	3,538*	Netherlands	2,804*	4,554*	UK	15,690*	18,115*
France	7,035*	13,253*	Saar	3,228*	N.A.* <sup>g</sup>	West Germany	27,333*	44,532*

\* An asterisk indicates that the data are unclassified.  
<sup>a</sup> Unless otherwise indicated, data refer to production of oven and beehive coke and exclude production of breeze coke.  
<sup>b</sup> Net production, excluding coke consumed by coking plants. NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."  
<sup>c</sup> Excluding coke made in beehive, clamp, native, and "small modern" furnaces.  
<sup>d</sup> Mainly foundry coke, not suitable for blast furnaces.  
<sup>e</sup> Including some high-temperature brown coal coke used for metallurgical purposes, estimated at 180,000 metric tons in 1955; 200,000 metric tons in 1958; 310,000 metric tons in 1960; and 320,000 metric tons in 1961 and 1965.  
<sup>f</sup> Data refer to metallurgical coke, but a large part of this "metallurgical coke" is produced in gas plants and is used with high-quality coke in charging blast furnaces.  
<sup>g</sup> Data for the Saar are included with West Germany.

Table 34  
Production of Crude Oil \*  
Selected Years, 1950-61, and 1965 Plan

Country	Thousand Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup> .....	273,000*	359,000*	362,000*	386,000*	397,000*	
US.....	266,699* <sup>o</sup>	335,733*	330,948*	347,964*	354,283*	
Sino-Soviet Bloc.....	44,000*	84,600*	129,000*	N.A.	N.A.	
USSR.....	37,878*	70,793*	113,216*	147,859*	166,100*	265,000* <sup>d</sup>
Communist China <sup>o</sup> .....	203*	966*	2,260*	N.A.	N.A.	
European Satellites.....	5,920*	12,800*	13,100*	13,900*	14,400	
Albania.....	132*	208*	403*	700*	800*	1,000*
Bulgaria.....	0*	150*	222*	200*	207*	200* <sup>f</sup>
Czechoslovakia.....	64*	107*	106*	137*	154*	210*
East Germany.....	0*	0*	Negl.	Negl.	6	1,000*
Hungary.....	512*	1,601*	830*	1,215*	1,455*	2,200*
Poland.....	162*	180*	175*	194*	203*	200*
Rumania.....	5,047*	10,555*	11,336*	11,500*	11,582*	12,200*
Cuba.....	2*	48*	45*	15*	N.A.	

Other NATO Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Canada.....	3,925*	29,860*	Netherlands...	705*	2,046*	UK.....	46*	100*
France.....	127*	2,164*	Turkey.....	17*	414*	West Germany..	1,119*	6,203*
Italy.....	8*	1,972*						

Other Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Argentina.....	3,357*	11,894*	Iraq.....	6,584*	48,809*	Qatar.....	1,636*	8,382*
Austria.....	1,699*	2,356*	Kuwait.....	17,291*	82,675*	Saudi Arabia...	26,617*	69,115*
Bahrein.....	1,506*	2,250*	Kuwait Neutral			Trinidad.....	3,015*	6,559*
Colombia <sup>g</sup> .....	4,699*	7,362*	Zone.....	N.A.*	8,389*	Venezuela.....	79,975*	155,877*
Indonesia.....	6,816*	20,932*	Mexico.....	10,363*	16,449*	Yugoslavia.....	110*	1,342*
Iran.....	32,259*	57,173* <sup>h</sup>	Peru.....	2,007*	2,557*			

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data refer to crude oil and exclude shale oil, natural gasoline, and synthetic crude oil.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>o</sup> Excluding production for Alaska.

<sup>d</sup> Estimated production for 1965. The plan for 1965 is 240 million metric tons.

<sup>e</sup> Including also production of synthetic crude oil.

<sup>f</sup> Estimated production for 1965.

<sup>g</sup> Including natural gasoline.

<sup>h</sup> About 98 percent of the total production.

## PRODUCTION OF CRUDE OIL IN SELECTED AREAS SELECTED YEARS, 1950-61, AND 1965 PLAN

*Million metric tons*

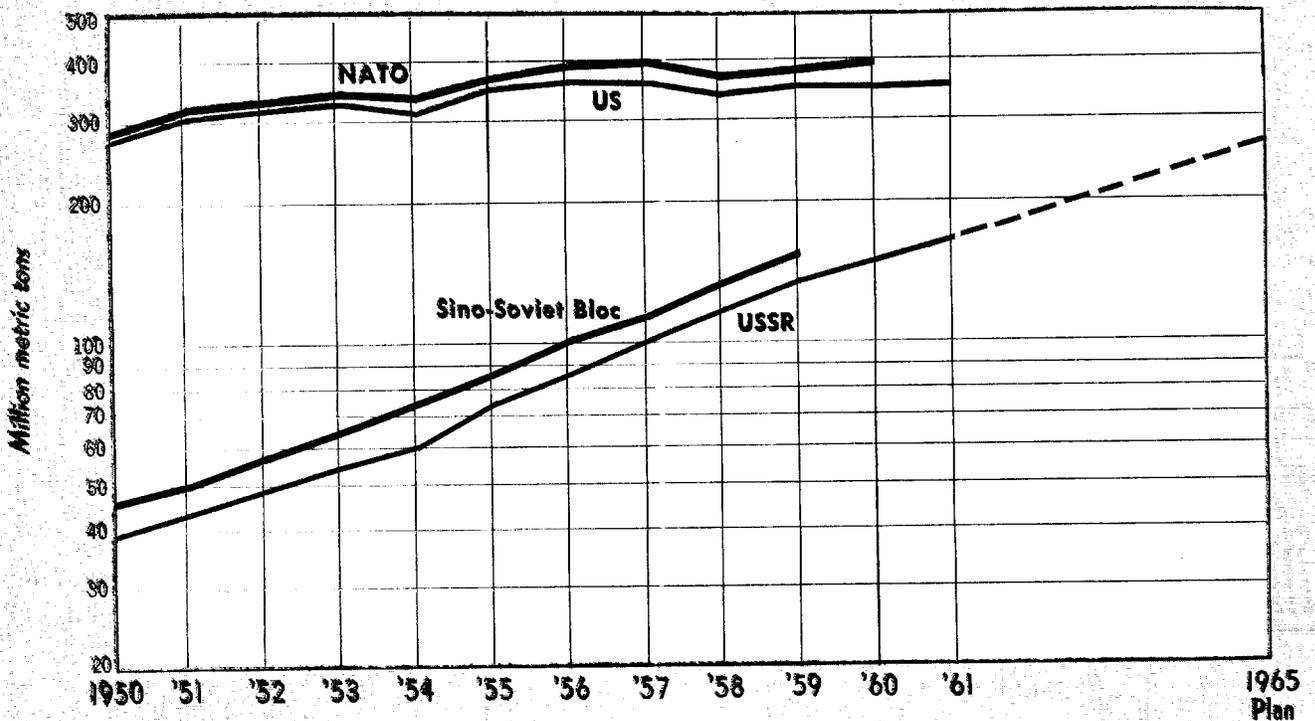
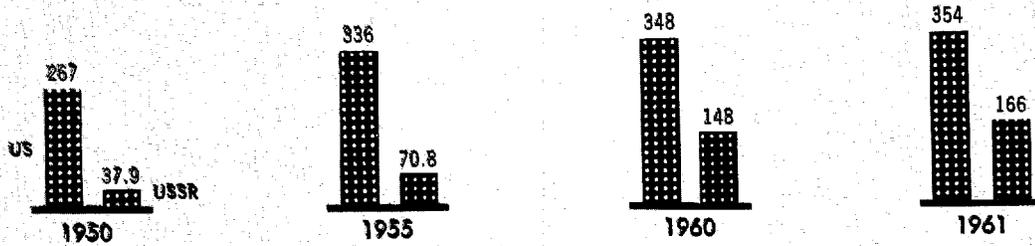
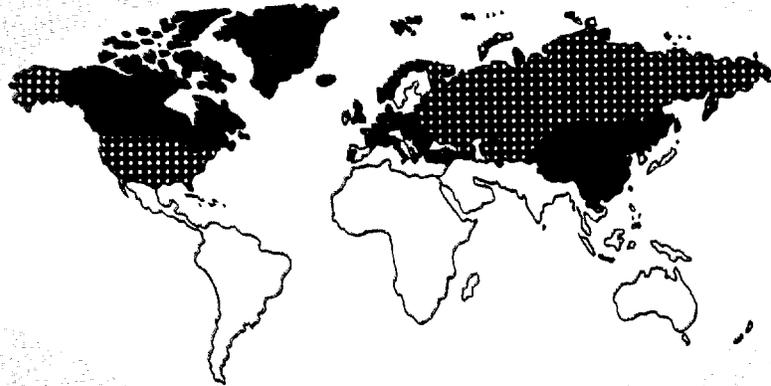


Table 35  
 Production of Natural Gas <sup>a</sup>  
 Selected Years, 1950-61, and 1965 Plan

Country	Million Cubic Meters					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup>	181,000*	275,000*	328,000*	384,000*	396,000*	
US	177,900*	266,300*	312,300*	360,400*	366,400*	
Sino-Soviet Bloc	9,580	16,300	33,400	57,800	72,300	
USSR	5,760*	8,981*	28,085*	45,303*	59,000*	135,000* <sup>o</sup>
Communist China	N.A.	65*	N.A.	N.A.	N.A.	5,500 <sup>d</sup>
European Satellites	3,820	7,290	10,300	12,500	13,300	
Czechoslovakia	19*	173*	1,246*	1,439*	1,500*	
East Germany	0	10	25	40 <sup>e</sup>	40	270*
Hungary	381*	545*	379*	340*	324*	1,800*
Poland	182*	393*	384*	549*	734*	1,000*
Rumania	3,243*	6,169*	8,313*	10,142*	10,700*	17,000* <sup>f</sup>

Other NATO Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Canada <sup>g</sup>	1,920*	18,418*	Italy	516*	6,864*	West Germany..	48*	481*
France	252*	4,013*						

Other Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Austria	252*	1,555*	Japan	69*	951*	Venezuela	1,117*	4,799*
Indonesia <sup>h</sup>	791*	2,546*	Mexico	1,754*	10,231* <sup>h</sup>			

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Production for NATO and the US excludes gas for repressuring and gas wasted. Data for the Sino-Soviet Bloc are gross production. If measured on a gross basis, production of natural gas in 1960 for the US would be about 434.7 billion cubic meters.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>o</sup> Estimated production for 1965. The plan for 1965 is 149.8 billion cubic meters.

<sup>d</sup> Plan data for 1962.

<sup>e</sup> Plan data.

<sup>f</sup> Estimated production for 1965.

<sup>g</sup> Producer shipments.

<sup>h</sup> Total production, including gas for repressuring and gas wasted.

Table 36  
Production of Petroleum Products <sup>a</sup>  
Selected Years, 1950-61, and 1965 Plan

Country	Million Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup> .....	268*	376*	402*	454*	N.A.*	
US.....	222.3*	271.8*	270.8*	283.7*	N.A.*	
Sino-Soviet Bloc <sup>c</sup> .....	41.1	79.7	116	N.A.	N.A.	
USSR <sup>d</sup> .....	33.4*	62.9*	95.7*	119.6*	131.6*	197.0* <sup>e</sup>
Communist China.....	0.2	1.2	2.7	N.A.	N.A.	
European Satellites.....	7.5	15.6	18.0	19.5	20.8	
Albania.....	Negl.	0.1*	0.3*	0.3*	0.4	
Bulgaria.....	Negl.*	Negl.*	0.1*	0.1*	0.1*	1.85*
Czechoslovakia.....	0.5	1.0*	1.6*	2.0*	2.5	4.72
East Germany.....	1.3	2.1	2.7	3.1	3.3	
Hungary.....	0.5*	1.6*	1.9*	2.4*	2.5	
Poland.....	0.3*	0.7*	0.8*	0.8*	0.9	
Rumania.....	4.9	10.1*	10.6*	10.8*	11.1	

Other NATO Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
Belgium.....	0.3*	5.7*	Greece.....	Negl.*	1.7* <sup>f</sup>	Portugal.....	0.3*	1.2*
Canada.....	12.2*	29.5*	Italy.....	4.8*	27.0*	Turkey.....	Negl.*	0.3*
Denmark.....	Negl.*	N.A.*	Netherlands.....	4.9*	17.0*	UK.....	7.9*	37.9*
France.....	12.5*	25.7*	Norway.....	Negl.*	0.1*	West Germany...	2.5*	24.1*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data presented in this table are totals of data in Tables 37 through 41 (pp. 41 through 45, below). This table excludes some minor miscellaneous products that are not in any of the following tables (such as white spirits, bitumen, liquefied gases, and, in general, jet fuel).

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Data for the Sino-Soviet Bloc include production from indigenous and imported natural crude oil and from synthetic sources. Synthetic production is not included in production for the USSR.

<sup>d</sup> Excluding relatively small yields of synthetic stocks.

<sup>e</sup> Estimated production for 1965.

<sup>f</sup> Data for gasoline and lubricating oils are for 1959 and are included in the total for 1960.

Table 37  
 Production of Gasoline <sup>a</sup>  
 Selected Years, 1950-61, and 1965 Plan

Country	Thousand Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup> .....	135,000*	193,000*	203,000*	222,000*	N.A.*	
US <sup>c</sup> .....	121,357*	162,548*	168,239*	179,794*	180,200*	
Sino-Soviet Bloc <sup>d</sup> .....	9,590	22,200	27,700	N.A.	N.A.	
USSR <sup>e</sup> .....	7,200*	18,000*	22,500*	26,000*	27,500*	35,400* <sup>f</sup>
Communist China.....	46	249	804	N.A.	N.A.	
European Satellites.....	2,340	3,920	4,400	4,610	4,760	
Albania.....	5*	4*	31*	54*	60*	
Bulgaria.....	0*	0*	Negl.*	Negl.*	Negl.*	270*
Czechoslovakia.....	150	293*	335*	420*	480*	915*
East Germany.....	445	672	749	822	880	
Hungary.....	189*	187*	272*	300*	340*	
Poland.....	49*	128*	196*	219	225	
Rumania.....	1,502*	2,635*	2,821*	2,792*	2,770*	

Other NATO Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
Belgium.....	71*	1,149*	Italy.....	984* <sup>h</sup>	5,027*	Turkey.....	1*	70*
Canada.....	5,482*	11,812*	Netherlands.....	1,303*	3,413*	UK.....	1,501*	8,043*
France.....	3,069*	6,547*	Norway.....	1*	11*	West Germany...	829*	5,383*
Greece.....	Negl.*	137* <sup>g</sup>	Portugal.....	66*	300*			

Other Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
Bahrein.....	1,754*	1,686*	Mexico.....	1,338*	3,271*	Saudi Arabia.....	956*	1,184*
Indonesia.....	2,155*	1,503*	Netherlands			Venezuela.....	1,751*	4,465*
Japan.....	298*	4,528*	Antilles.....	5,780*	4,630*			

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data refer to motor and aviation gasoline but exclude jet fuel. Data differ from the previous *Handbook*, in which data excluded aviation gasoline for France, the Netherlands, and the U.S. Production of motor gasoline for the US was as follows (in thousand metric tons): for 1950, 115,576; for 1955, 150,890; for 1958, 154,426; for 1960, 166,859; and for 1961, 167,133.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Including products obtained from natural gasoline treated in refineries and including, for 1950, the amounts used as components of jet fuel.

<sup>d</sup> Data for the Sino-Soviet Bloc include production of gasoline from indigenous and imported natural crude oil and from synthetic sources. Synthetic production is not included in production for the USSR.

<sup>e</sup> Excluding relatively small yields of synthetic stock.

<sup>f</sup> Estimated production for 1965.

<sup>g</sup> Data are for 1959 and are included in the total for 1960.

<sup>h</sup> Including petrochemical feedstocks.

Table 38  
 Production of Kerosine  
 Selected Years, 1950-61, and 1965 Plan

Country	Thousand Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>a</sup> .....	16,900*	19,200*	19,400*	24,300*	N.A.*	
US.....	15,232* <sup>b</sup>	15,055*	14,139*	17,451* <sup>c</sup>	18,175* <sup>c</sup>	
Sino-Soviet Bloc <sup>d</sup> .....	8,230	11,400	14,400	N.A.	N.A.	
USSR <sup>e</sup> .....	7,300*	9,700*	12,500*	15,300*	16,700*	24,000* <sup>f</sup>
Communist China.....	12	112	228	N.A.	N.A.	
European Satellites.....	915	1,560	1,670	1,430	1,380	
Albania <sup>g</sup> .....	Negl.*	6*	3*	3*	3*	
Bulgaria.....	0*	0*	Negl.*	Negl.*	Negl.*	60*
Czechoslovakia.....	50	85*	69*	83*	90*	
East Germany.....	8	10	11	12	15	
Hungary.....	86*	65*	47*	40*	40*	
Poland.....	35*	28*	8*	4	5	
Rumania.....	736*	1,362*	1,529*	1,289*	1,230*	

Other NATO Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
Belgium.....	9*	336* <sup>h</sup>	Greece.....	Negl.*	150*	Portugal.....	53*	300*
Canada.....	708*	1,930*	Italy.....	299*	530* <sup>j</sup>	UK <sup>h</sup> .....	164*	2,320*
France.....	283*	377*	Netherlands.....	72*	900*	West Germany...	85*	52*

Other Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
Bahrein.....	705*	828*	Mexico.....	547*	1,391*	Saudi Arabia.....	371*	765*
Indonesia.....	879*	1,707*	Netherlands			Venezuela.....	282*	1,026*
Japan.....	62*	2,003*	Antilles.....	1,916*	2,646*	Yugoslavia.....	73*	74*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>b</sup> Including amounts used as components of jet fuel.

<sup>c</sup> Including commercial jet fuel.

<sup>d</sup> Data for the Sino-Soviet Bloc include production of kerosine from indigenous and imported natural crude oil and from synthetic sources. Synthetic production is not included in production for the USSR.

<sup>e</sup> Excluding relatively small yields of synthetic stock but including ligroine.

<sup>f</sup> Estimated production for 1965.

<sup>g</sup> Illuminating only.

<sup>h</sup> Including jet fuel.

Table 39  
Production of Diesel Fuel  
Selected Years, 1950-61, and 1965 Plan

Country	Thousand Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>a</sup> .....	24,200*	49,100*	61,000*	70,500*	N.A.*	
US <sup>b</sup> .....	14,034*	22,680*	26,127*	27,596*	N.A.*	
Sino-Soviet Bloc <sup>c</sup> .....	5,110	13,500	29,400	N.A.	N.A.	
USSR <sup>d</sup> .....	3,600*	10,200*	24,700*	29,100*	31,200*	43,000* <sup>e</sup>
Communist China.....	7	57	261	N.A.	N.A.	
European Satellites.....	1,500	3,270	4,440	5,870	6,450	
Albania.....	4*	6*	50*	68*	75*	91*
Bulgaria.....	0*	5*	16*	22*	25*	500*
Czechoslovakia <sup>f</sup> .....	189*	401*	811*	1,170*	1,300*	3,805*
East Germany.....	405	750	1,042	1,265	1,360	
Hungary.....	120*	351*	521*	731*	800*	
Poland.....	50*	134*	197*	240*	260*	
Rumania.....	731*	1,626*	1,807*	2,376*	2,630*	

Other NATO Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
Belgium.....	97*	1,605*	Italy.....	1,040*	5,944*	Turkey.....	3*	34*
Canada <sup>g</sup> .....	2,471*	10,159*	Netherlands.....	1,045*	4,456*	UK.....	1,921*	7,770*
France.....	3,022*	7,430*	Norway.....	3*	26*	West Germany..	561*	4,842* <sup>h</sup>
Greece.....	Negl.*	472*	Portugal.....	53*	150*			

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." Data refer to production of gas-diesel oil except in the US and Canada. (See the footnotes for individual countries.)

<sup>b</sup> Sales of diesel fuel oil on the basis of all categories of use.

<sup>c</sup> Data for the Sino-Soviet Bloc include production of diesel fuel from indigenous and imported natural crude oil and from synthetic sources. Synthetic production is not included in production for the USSR. Production of residual fuel oil is included for Czechoslovakia.

<sup>d</sup> Total of light and heavy types, excluding relatively small yields of synthetic stocks.

<sup>e</sup> Estimated production for 1965.

<sup>f</sup> Including diesel fuel and residual fuel oil.

<sup>g</sup> Distillate fuel oil.

<sup>h</sup> Excluding lubricants classified as diesel fuel.

Table 40  
Production of Lubricating Oils  
Selected Years, 1950-61, and 1965 Plan

Country	Thousand Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>a</sup> .....	9,440*	10,600*	10,100*	11,700*	N.A.*	
US.....	7,791*	8,409*	7,726*	8,944*	8,916*	
Sino-Soviet Bloc <sup>b</sup> .....	2,020	3,370	5,460	N.A.	N.A.	
USSR <sup>c</sup> .....	1,700*	2,700*	4,600*	5,500*	5,900*	7,900* <sup>d</sup>
Communist China.....	5	31	81	N.A.	N.A.	
European Satellites.....	316	637	780	920	975	
Albania.....	Negl.	1	6	7	10	
Bulgaria.....	5*	8*	21	25	25	50*
Czechoslovakia.....	N.A.	100	140*	160*	170	
East Germany.....	100	155	175	175	175	
Hungary.....	32*	84*	82*	100	105	
Poland.....	54*	127*	145*	142*	150	
Rumania.....	125*	162*	211*	311*	340*	

Other NATO Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
Belgium.....	6*	29*	Greece.....	Negl.*	9* <sup>e</sup>	Norway.....	Negl.*	25*
Canada.....	286*	319*	Italy.....	58*	166*	UK.....	434*	927*
France.....	293*	651*	Netherlands.....	23*	206*	West Germany..	554*	456* <sup>f</sup>

Other Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
Japan.....	142*	608*	Venezuela.....	23*	255*	Yugoslavia.....	28*	64*
Netherlands Antilles.....	179*	356*						

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." Data for NATO and "Other Countries" include production of lubricating oils and solid lubricants.

<sup>b</sup> Data for the Sino-Soviet Bloc include production of lubricating oils from indigenous and imported natural crude oil and from synthetic sources. Synthetic production is not included in production for the USSR.

<sup>c</sup> Excluding relatively small yields of synthetic stocks.

<sup>d</sup> Estimated production for 1965.

<sup>e</sup> Data are for 1959 and are included in the total for 1960.

<sup>f</sup> Including lubricants that fall under the classification of diesel fuel.

Table 41  
Production of Residual and Other Petroleum Products  
Selected Years, 1950-61, and 1965 Plan

Country	Thousand Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>a</sup> .....	82,400*	105,000*	108,000*	125,000*	N.A.*	
US.....	63,847*	63,113*	54,559*	49,872*	47,402*	
Sino-Soviet Bloc <sup>b</sup> .....	16,100	29,200	39,400	N.A.	N.A.	
USSR <sup>c</sup> .....	13,600*	22,300*	31,400*	43,700*	50,300*	86,700* <sup>d</sup>
Communist China.....	100	748	1,341	N.A.	N.A.	
European Satellites.....	2,450	6,170	6,640	6,840	7,240	
Albania.....	20	50	183	200	220	
Bulgaria.....	Negl.*	16*	43*	65*	75*	970*
Czechoslovakia.....	100	130	250	200	445	
East Germany.....	322	513	738	870	900	
Hungary.....	113*	868*	966*	1,187*	1,215	
Poland.....	72*	253*	205*	245*	260	
Rumania.....	1,820	4,340	4,250	4,073*	4,130	

Other NATO Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
Belgium.....	143*	2,600*	Greece.....	Negl.*	900*	Portugal.....	109*	403*
Canada.....	3,277*	5,313*	Italy.....	2,428*	15,300*	Turkey.....	Negl.*	179*
Denmark.....	9*	N.A.*	Netherlands.....	2,429*	8,000*	UK.....	3,866*	18,830*
France.....	5,845*	10,700*	Norway.....	Negl.*	13*	West Germany..	467*	12,400*

Other Countries

Country	1950	1960	Country	1950	1960
Netherlands Antilles....	25,733*	21,863*	Venezuela.....	7,698*	29,246*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." Data for Canada and the US refer to production of residual fuel oil. Data for the remaining NATO countries refer to production of fuel oil.

<sup>b</sup> Data for the Sino-Soviet Bloc include production from indigenous and imported natural crude oil and from synthetic sources. Synthetic production is not included in production for the USSR.

<sup>c</sup> Excluding relatively small yields of synthetic stocks.

<sup>d</sup> Estimated production for 1965.

Table 42  
Production of Crude Steel <sup>a</sup>  
Selected Years, 1950-61, and 1965 Plan

Country	Million Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup> .....	140*	184*	160*	194*	192*	
US <sup>c</sup> .....	87.85*	106.17*	77.34*	90.07*	88.92*	
Sino-Soviet Bloc.....	36.6*	62.5*	80.7*	N.A.	N.A.	
USSR.....	27.33*	45.27*	54.92*	65.29*	70.70*	96.00*
Communist China.....	0.60*	2.85*	8.00* <sup>d</sup>	N.A.	N.A.	
North Korea.....	0.12*	0.14*	0.36*	0.64*	0.78*	2.35* <sup>e</sup>
European Satellites.....	8.54*	14.3*	17.4*	21.2*	22.7*	
Bulgaria.....	0.03*	0.12*	0.26*	0.30*	0.39*	1.65* <sup>f</sup>
Czechoslovakia.....	3.12*	4.47*	5.51*	6.77*	7.04*	10.60* <sup>g</sup>
East Germany.....	1.27*	2.84*	3.46*	3.79*	3.89*	5.20*
Hungary.....	1.05*	1.63*	1.63*	1.88*	2.05*	2.60*
Poland.....	2.52*	4.43*	5.66*	6.68*	7.23*	9.30*
Rumania.....	0.56*	0.77*	0.93*	1.81*	2.13*	3.30*

Other NATO Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Belgium.....	3.78*	6.99*	Italy.....	2.36*	9.11*	Saar.....	1.90*	N.A.* <sup>h</sup>
Canada.....	3.07*	5.87*	Luxembourg.....	2.45*	4.11*	Turkey.....	0.09*	0.28*
Denmark.....	0.12*	0.33*	Netherlands.....	0.49*	1.97*	UK.....	16.55*	22.44*
France.....	8.65*	17.57*	Norway.....	0.08*	0.49*	West Germany.....	12.12*	33.46*

Other Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Australia <sup>i</sup> .....	1.26*	3.94* <sup>j</sup>	Japan.....	4.84*	28.27*	Sweden.....	1.46*	3.56*
India.....	1.46*	4.03*	South Africa <sup>k</sup> ..	0.82*	2.47*	Yugoslavia.....	0.43*	1.53*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data refer to the total production of ingots and steel for castings. Wrought (puddled) iron is excluded.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Excluding steel for castings made in foundries operated by companies not producing ingots.

<sup>d</sup> Excluding production from "native furnaces."

<sup>e</sup> Plan data for 1967. Midpoint of the range of 2.2 million to 2.5 million metric tons.

<sup>f</sup> Estimated plan for 1965.

<sup>g</sup> Revised plan for 1965.

<sup>h</sup> Data for the Saar are included with West Germany.

<sup>i</sup> Data are for the year beginning 1 June of the previous year.

<sup>j</sup> Excluding castings.

<sup>k</sup> Including finished castings.

## PRODUCTION OF CRUDE STEEL IN SELECTED AREAS SELECTED YEARS, 1950-61, AND 1965 PLAN

*Million metric tons*

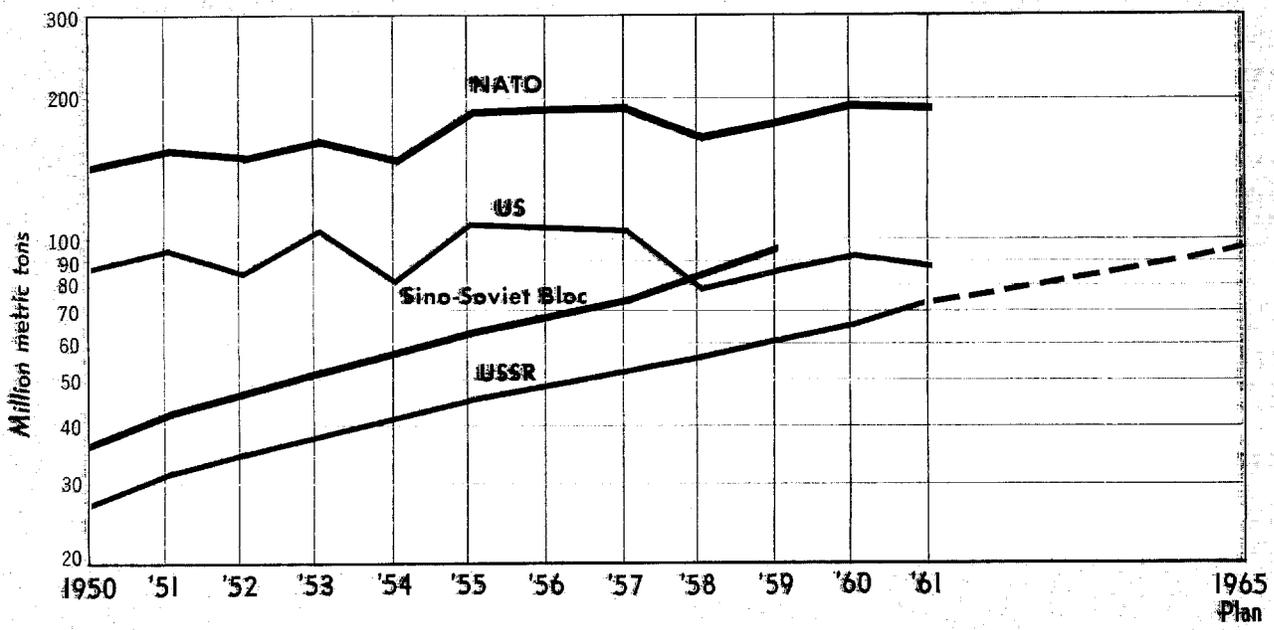
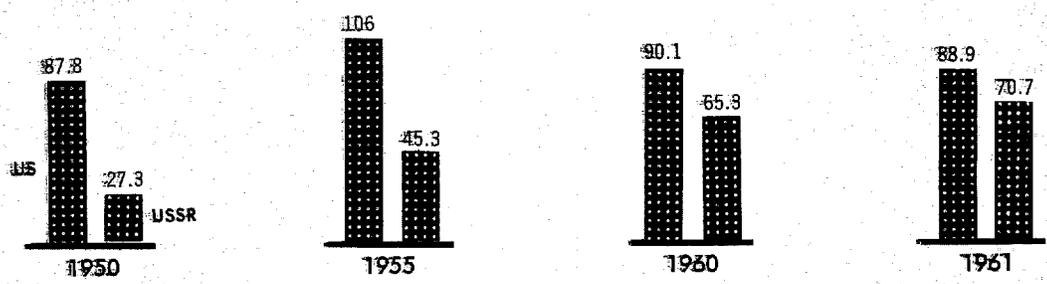
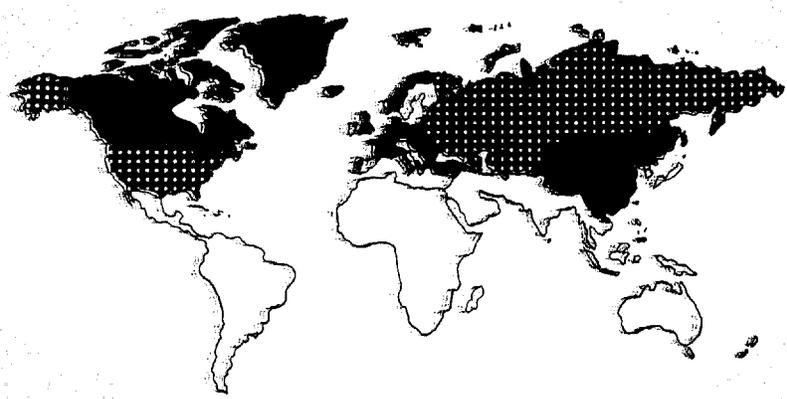


Table 43  
 Production of Pig Iron and Blast-Furnace Ferroalloys <sup>a</sup>  
 Selected Years, 1950-61, and 1965 Plan

Country	Thousand Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup> .....	97,700*	128,000*	113,000*	136,000*	134,000*	
US.....	59,366*	70,570*	52,403*	61,072*	59,214*	
Sino-Soviet Bloc.....	24,800	46,200*	64,700*	N.A.	N.A.	
USSR.....	19,175*	33,310*	39,600*	46,757*	50,900*	72,500*
Communist China.....	978*	3,872*	13,690* <sup>o</sup>	N.A.	N.A.	
North Korea.....	190	112*	320*	752*	810*	
North Vietnam.....	0*	0*	N.A.	10*	10*	
European Satellites.....	4,470*	8,860*	11,000*	13,400*	14,000*	
Bulgaria.....	3* <sup>d</sup>	7* <sup>d</sup>	84*	192*	175*	
Czechoslovakia.....	1,951*	2,982*	3,774*	4,696*	4,971*	7,700* <sup>o</sup>
East Germany.....	337*	1,517*	1,775*	1,995*	2,029*	2,150*
Hungary.....	461*	868*	1,082*	1,249*	1,306*	1,650*
Poland.....	1,399*	2,920*	3,592*	4,260*	4,437*	6,400*
Rumania.....	320*	570*	737*	1,014*	1,099*	2,000*

Other NATO Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Belgium.....	3,695*	6,446*	Italy.....	504*	3,090*	Saar.....	1,684*	N.A.* <sup>z</sup>
Canada.....	2,268*	4,576*	Luxembourg <sup>t</sup> .....	2,499*	3,833*	Turkey.....	117*	188*
Denmark.....	51*	64*	Netherlands....	454*	1,456*	UK.....	9,787*	14,977*
France.....	7,761*	14,566*	Norway.....	63*	385*	West Germany....	9,473*	25,431*

Other Countries <sup>h</sup>

Country	1950	1961	Country	1950	1961	Country	1950	1961
Australia <sup>i</sup> .....	1,115* <sup>j</sup>	3,210*	Japan.....	2,299*	16,384*	Sweden.....	837*	1,758*
India.....	1,708*	5,074*	South Africa...	733*	2,369*	Yugoslavia.....	226*	1,053*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data refer to production of pig iron and blast-furnace ferroalloys and exclude ferroalloys obtained from electric furnaces and sponge iron.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." Data on production (except for the US) may differ from the previous *Handbook*, in which data included ferroalloys obtained in electric furnaces.

<sup>o</sup> Including 4.16 million metric tons of "native iron."

<sup>d</sup> Although the Bulgarian Yearbook lists these data as pig iron, the data probably refer to iron castings because there were no facilities for production of pig iron before 1957.

<sup>e</sup> Revised plan for 1965.

<sup>t</sup> Including small quantities of foreign-produced pig iron returned to furnaces.

<sup>z</sup> Data for the Saar are included with West Germany.

<sup>h</sup> Data may include some electric-furnace ferroalloys.

<sup>i</sup> Excluding ferroalloys.

<sup>j</sup> Data are for the year beginning 1 June of the previous year.

Table 44  
Production of Iron Ore <sup>a</sup>  
Selected Years, 1950-61, and 1965 Plan

Country	Million Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup>	161*	208*	181*	217*	199*	
US <sup>c</sup>	99.62*	104.65*	69.04*	89.04*	72.15*	
Sino-Soviet Bloc <sup>d</sup>	46.2*	88.6*	157*	N.A.	N.A.	
USSR	39.65*	71.86*	88.82*	106.02*	118.00*	167.50*
Communist China	2.35*	9.60*	59.00*	N.A.	N.A.	
North Korea	0.74*	0.14*	1.24*	2.49*	2.83*	
North Vietnam	0	0.02	0.12	0.14	0.14	
European Satellites	3.49*	6.95*	7.77*	9.60*	10.5*	
Albania <sup>e</sup>	N.A.	N.A.	0.09*	0.26*	0.38*	
Bulgaria	0.05*	0.11*	0.30*	0.42*	0.42*	
Czechoslovakia	1.60*	2.49*	2.80*	3.12*	3.29*	4.40* <sup>f</sup>
East Germany	0.40*	1.66*	1.51*	1.64*	1.66*	1.67*
Hungary	0.37*	0.35*	0.37*	0.52*	0.60*	0.68*
Poland	0.68*	1.70*	1.96*	2.18*	2.39*	3.12*
Rumania	0.39*	0.64*	0.74*	1.46*	1.74*	4.00*

Other NATO Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Belgium	0.05*	0.11*	Italy	0.50*	1.20*	Turkey <sup>i</sup>	0.23*	0.43*
Canada <sup>g</sup>	3.27*	18.50*	Luxembourg	3.84*	7.46*	UK	13.17*	16.80*
France	29.98*	66.58*	Norway	0.30*	2.00* <sup>h</sup>	West Germany	9.61*	13.10*
Greece	0.01*	N.A.*	Portugal	Negl.*	0.24*			

Other Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Austria	1.86*	3.69*	Japan <sup>j</sup>	0.82*	2.83*	Sweden	13.61*	23.13*
India	3.00*	12.07*	Spain	2.09*	6.04*	Venezuela	0.20*	14.54*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data refer to the gross amount of marketable iron ores in the state in which they leave the mines, including manganiferous ores but excluding pyrites.

<sup>b</sup> NATO totals include only data for the US and those NATO countries listed under "Other NATO Countries." The metal content of the ore in the NATO countries and other Free World countries is as follows: Austria, Luxembourg, the UK, and West Germany, 30 percent; Belgium and France, 35 percent; Italy, Portugal, Spain, and the US, 50 percent; Canada and Japan, 55 percent; Sweden, 60 percent; and India, Norway, Turkey, and Venezuela, 65 percent.

<sup>c</sup> Excluding manganiferous iron ore containing 5 percent or more of manganese.

<sup>d</sup> The metal content of the ore in selected Sino-Soviet Bloc countries is as follows: USSR, in terms of dressed ore—65 percent of the ore; Communist China, 50 to 57 percent; North Korea, 50 percent; Albania, 50 to 55 percent; Bulgaria, 49 percent; Czechoslovakia, 34 percent; East Germany, 25 to 28 percent; Hungary, 27 percent; Poland, 30 percent; and Rumania, 40 percent.

<sup>e</sup> Iron-nickel ore that is mined for its nickel content.

<sup>f</sup> Revised plan for 1965.

<sup>g</sup> Shipments.

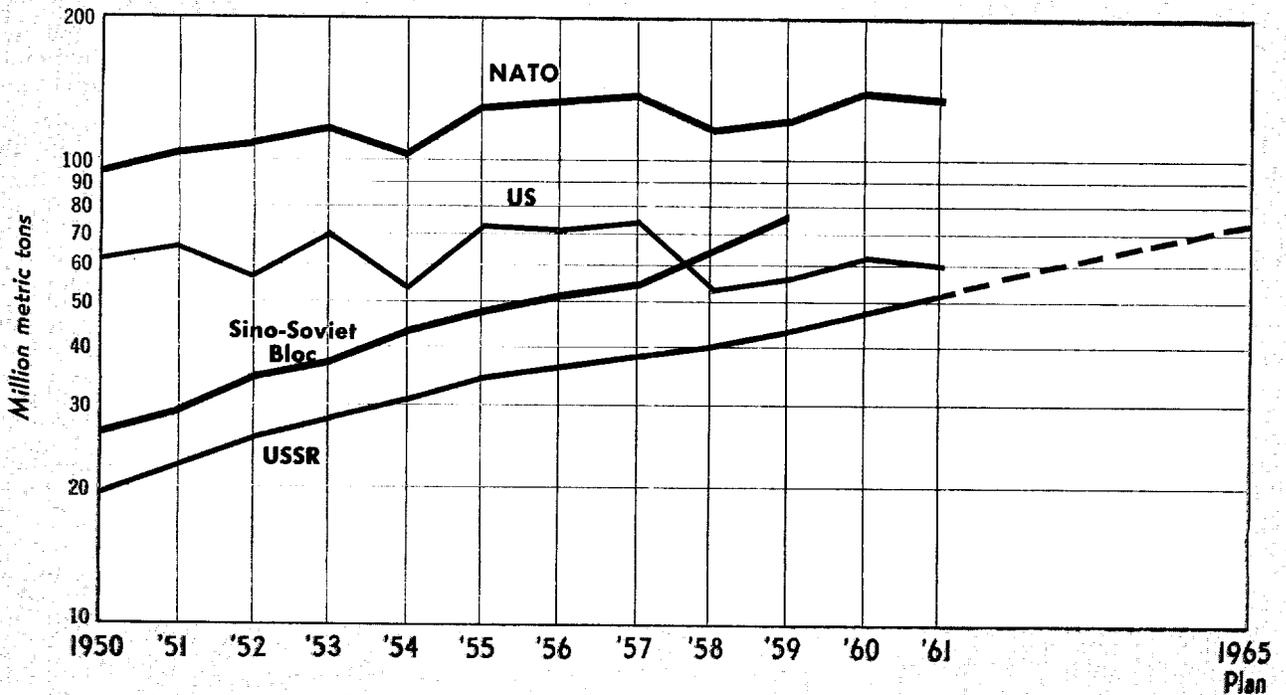
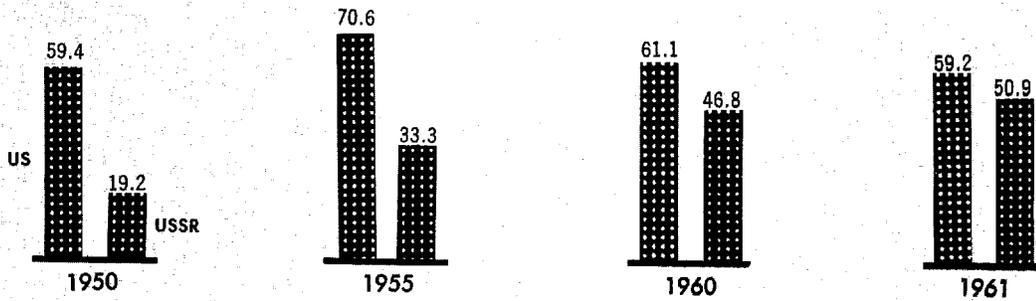
<sup>h</sup> Including ferrotitanium (about 10 percent of the total).

<sup>i</sup> Government production only (57 percent of the total in 1958).

<sup>j</sup> Including iron sand.

## PRODUCTION OF PIG IRON AND BLAST-FURNACE FERROALLOYS IN SELECTED AREAS SELECTED YEARS, 1950-61, AND 1965 PLAN

*Million metric tons*



GROUP 1  
EXCLUDED FROM AUTOMATIC DOWNGRADING  
AND DECLASSIFICATION

Table 45  
 Production of Manganese Ore <sup>a</sup>  
 Selected Years, 1950-61, and 1965 Plan

Country	Thousand Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup> .....	175*	396*	389*	190*	N.A.*	
US <sup>c</sup> .....	122*	261*	297*	73*	N.A.*	
Sino-Soviet Bloc.....	3,810*	5,780	6,480*	N.A.	N.A.	
USSR.....	3,377*	4,743*	5,366*	5,872*	6,175*	8,500*
Communist China.....	88*	196	534*	N.A.	N.A.	
European Satellites.....	348*	843*	575*	510*	N.A.	
Bulgaria.....	8*	63*	28*	25*	N.A.	
Czechoslovakia.....	168*	260*	165*	154*	103*	
Hungary.....	79*	130*	182*	162*	180*	
Rumania.....	93*	390*	200*	169*	160*	
Cuba <sup>d</sup> .....	79*	315*	68*	16*	N.A.	

Other NATO Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
Greece.....	<i>Negl.*</i>	35*	Portugal.....	1*	7*	Turkey.....	32*	28*
Italy.....	19*	47*						

Other Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
Brazil <sup>d</sup> .....	196*	855*	India.....	897*	1,150*	South Africa	791*	1,194*
Congo.....	17*	390*	Japan.....	139*	323*			

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> The metal content of the ore of the various countries is as follows: the US, more than 35 percent; other Free World countries, 30 to 50 percent; the USSR, 45 percent; Communist China, about 35 percent; Rumania, 30 percent; Czechoslovakia, less than 30 percent; and Bulgaria and Hungary, about 27 percent.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Shipments.

<sup>d</sup> Exports.

Table 46  
Production of Refined Nickel <sup>a</sup>  
Selected Years, 1950-61, and 1965 Plan

Country	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup> .....	99,000*	147,000*	131,000*	203,000*	N.A.*	
US <sup>c</sup> .....	828*	3,454*	10,648*	12,458*	N.A.*	
Sino-Soviet Bloc.....	33,900	46,100	59,600	N.A.	N.A.	
USSR.....	33,400	46,000	59,400	71,500	81,500	115,000 <sup>d</sup>
Communist China.....	0	0	0	N.A.	N.A.	
North Korea.....	29	0*	0*	200*	250*	
European Satellites.....	448	130	178	222	225	
East Germany.....	92 <sup>e</sup>	130 <sup>f</sup>	178	222	225	4,300*
Poland.....	356	0* <sup>g</sup>	0* <sup>g</sup>	0* <sup>g</sup>	0* <sup>g</sup>	
Cuba <sup>h</sup> .....	1,619* <sup>i</sup>	13,733*	17,946*	14,700	14,700	

## Other NATO Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
Canada <sup>j</sup> .....	63,000*	112,400*	Italy.....	Negl.*	500*	UK.....	21,200*	34,302*
France.....	3,500*	10,016*	Norway.....	10,000*	30,428*	West Germany...	500*	2,523*

## Other Countries

Country	1950	1960
New Caledonia <sup>k</sup> .....	4,250*	11,408*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data refer to production of refined metal obtained from ores and concentrates or from scrap and old material. Metal recovered by mere fusion (without refining) from scrap or old material is excluded.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Byproduct in the electrolytic refining of copper and, except for data for 1950, recovered nickel from refined domestic ore.

<sup>d</sup> Estimated plan for 1965.

<sup>e</sup> Produced from imported ores.

<sup>f</sup> Produced from ore stock and scrap.

<sup>g</sup> Ore exhausted.

<sup>h</sup> Nickel content of oxide.

<sup>i</sup> Data are an average for 1948-52.

<sup>j</sup> Production of nickel for Canada (refined nickel, nickel in oxide produced, and recoverable nickel in matte exported) in metric tons is as follows: 1950, 111,600; 1955, 158,800; 1958, 126,100; and 1960, 181,300. Much of this production is exported for refining in other countries, especially the UK and Norway.

<sup>k</sup> Content of ore.

Table 47  
Production of Chrome <sup>a</sup>  
Selected Years, 1950-61, and 1965 Plan

Country	Thousand Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup> .....	212*	375*	376*	294*	N.A.*	
US <sup>c</sup> .....	0.2*	53.7*	52.0*	36.4* <sup>d</sup>	29.8* <sup>d</sup>	
Sino-Soviet Bloc <sup>e</sup> .....	368	406	461	659	697	
USSR.....	338.1	304.0	367.5	519.5	544.8	735 <sup>f</sup>
North Vietnam.....	0	0	2.8	9.0	10.8	
European Satellites.....	30.0	102	90.6	130	142	
Albania.....	23.4	54.9	90.6	130.1	141.8	
Bulgaria.....	3.0	3.0	N.A.	N.A.	N.A.	
Rumania.....	3.6	44.1	0 <sup>g</sup>	0 <sup>g</sup>	0 <sup>g</sup>	
Cuba.....	15.4*	27.0*	26.3*	17.3*	N.A.	

Other NATO Countries

Country	1950	1960	Country	1950	1960
Greece.....	5.1*	40.0*	Turkey.....	207.0*	217.7*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data refer to the estimated chromic oxide (Cr<sub>2</sub>O<sub>3</sub>) content of the ores mined. In many instances, data are only approximate.

<sup>b</sup> NATO totals include only data for the US, Greece, and Turkey.

<sup>c</sup> Shipments.

<sup>d</sup> Production for the Federal Government only.

<sup>e</sup> The following percentages were used to reduce the estimates of the ores mined in the Sino-Soviet Bloc to show the chromic oxide content: USSR, a part at 35 percent and the remainder at 40 percent; North Vietnam, at 50 percent; Albania and Rumania, at 45 percent; and Bulgaria, at 30 percent.

<sup>f</sup> Estimated plan for 1965.

<sup>g</sup> Production is believed to have ceased because reserves are not suitable for metallurgical use.

Table 48  
Production of Molybdenum <sup>a</sup>  
Selected Years, 1950-61, and 1965 Plan

Country	Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup> .....	13,000*	28,600*	19,200*	31,500*	30,800*	
US.....	12,918*	28,023*	18,628*	30,952*	30,189*	
Sino-Soviet Bloc.....	2,080	4,170	8,010	N.A.	N.A.	
USSR.....	1,900	2,820	4,050	4,800	5,200	7,300 <sup>c</sup>
Communist China.....	125	1,250	3,800	N.A.	N.A.	
North Korea.....	50	100	160	160	175	

Other NATO Countries					
Country	1950	1961	Country	1950	1961
Canada.....	28*	347*	Norway.....	67*	250*

Other Countries					
Country	1950	1961	Country	1950	1961
Chile.....	992*	1,678*	Japan.....	13*	375*

\* An asterisk indicates that the data are unclassified.  
<sup>a</sup> Data refer to production of molybdenum (Mo) in ores and concentrates.  
<sup>b</sup> NATO totals include only data for the US, Canada, and Norway.  
<sup>c</sup> Estimated plan for 1965.

Table 49  
 Production of Cobalt <sup>a</sup>  
 Selected Years, 1950-61, and 1965 Plan

Country	Metric Tons							
	1950	1955	1958	1960	1961	1965 Plan		
NATO <sup>b</sup> . . . . .	632*	2,690*	3,430*	N.A.*	N.A.*			
US <sup>c</sup> . . . . .	367*	1,183*	2,197*	N.A.*	N.A.*			
Sino-Soviet Bloc <sup>d</sup> . . . . .	465	935	1,200	1,640	1,840			
USSR . . . . .	465	935	1,200	1,640	1,840	3,600 <sup>e</sup>		
Other NATO Countries								
Country	1950	1961						
Canada <sup>f</sup> . . . . .	265*	1,468*						
Other Countries								
Country	1950	1961	Country	1950	1961	Country	1950	1961
Congo . . . . .	5,148* <sup>g</sup>	8,400* <sup>h</sup>	Morocco . . . . .	420*	1,290*	Rhodesia and Nyasaland . . . . .	655* <sup>g</sup>	1,543* <sup>h</sup>

\* An asterisk indicates that the data are unclassified.  
<sup>a</sup> Unless otherwise indicated, data refer to the cobalt (Co) content of ores mined.  
<sup>b</sup> NATO totals include only data for the US and Canada. Excluding cobalt recovered in other NATO countries, mainly West Germany, from pyrites produced in Finland and other European countries.  
<sup>c</sup> Recoverable cobalt.  
<sup>d</sup> Bulgaria began production of cobalt concentrates in 1956, but quantities are not known. Communist China is believed to be producing a negligible amount of cobalt concentrates.  
<sup>e</sup> Estimated plan for 1965.  
<sup>f</sup> Metal, salts, and oxides recovered from smelter products plus cobalt contained in cobalt ore and residues exported.  
<sup>g</sup> Cobalt content of alloys.  
<sup>h</sup> Content of white alloy, cathode metal, and other products.

Table 50  
 Production of Tungsten Ore <sup>a</sup>  
 Selected Years, 1950-61

Country	Metric Tons				
	1950	1955	1958	1960	1961
NATO <sup>b</sup> .....	7,620*	22,500*	6,890*	10,300*	N.A.*
US <sup>c</sup> .....	4,373*	14,889*	3,436*	6,645*	N.A.*
Sino-Soviet Bloc.....	17,700	29,500	42,700	N.A.	N.A.
USSR.....	4,500	7,500	10,000	12,150	13,400
Communist China.....	11,600*	20,000	30,000*	N.A.	N.A.
North Korea.....	1,571*	1,864*	2,563*	3,015*	3,100*
European Satellites.....	0	167	149	150	N.A.
East Germany.....	0	167 <sup>d</sup>	149	150	N.A.

Other NATO Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
Canada.....	215*	0*	Italy.....	2*	8*	UK.....	76*	0*
France.....	456*	748*	Portugal.....	2,500*	2,906*			

Other Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
Australia.....	1,235*	1,600*	Congo <sup>f</sup> .....	400*	1,032*	Spain.....	850*	753*
Bolivia <sup>e</sup> .....	2,485*	2,150*	South Korea.....	900*	5,325*	Thailand.....	1,180*	441*
Burma <sup>f</sup> .....	930*	1,592*						

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data refer to the estimated tonnage of tungsten trioxide (60 percent WO<sub>3</sub> basis).

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Shipments.

<sup>d</sup> Plan data.

<sup>e</sup> Exports.

<sup>f</sup> Including WO<sub>3</sub> in tin-tungsten concentrates.

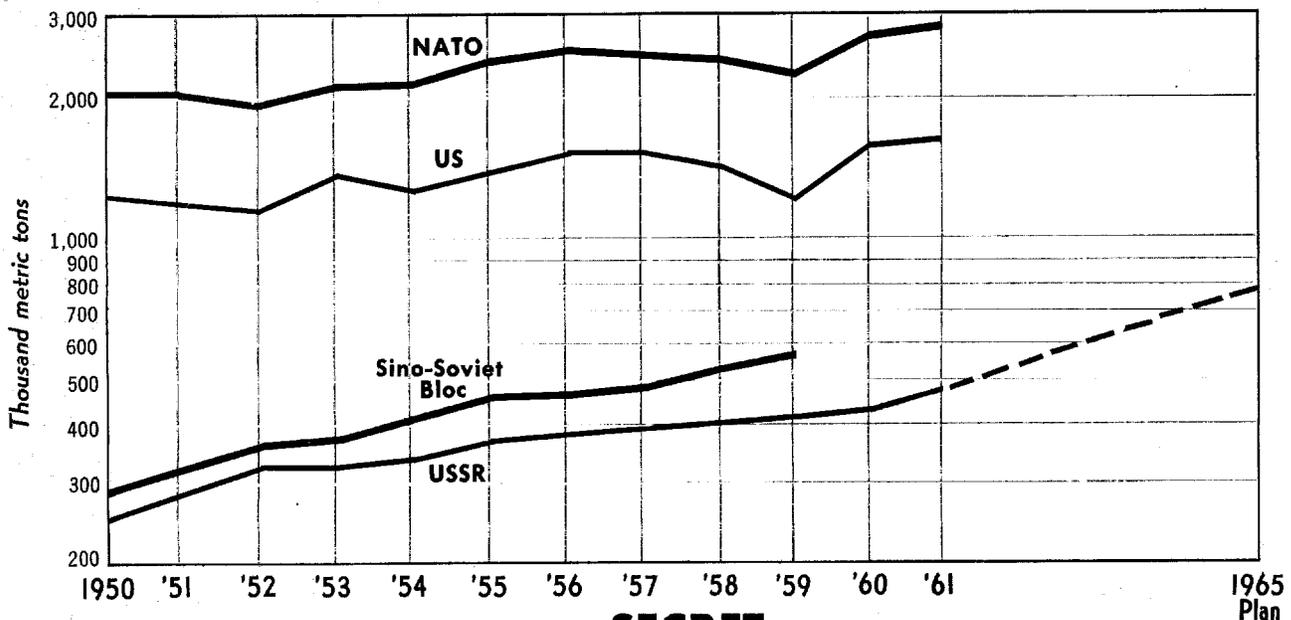
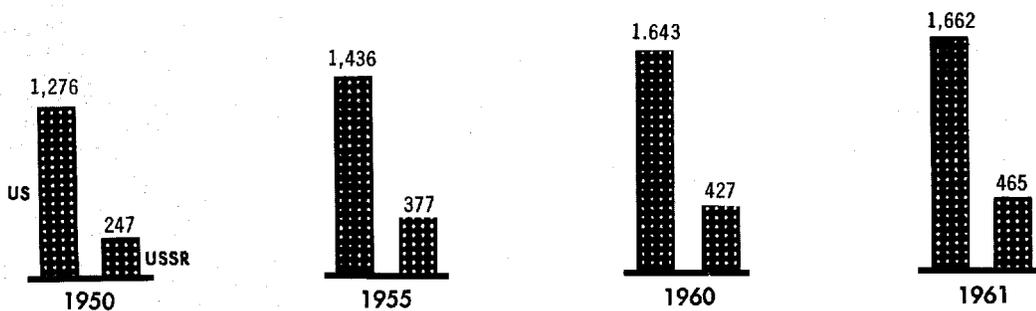
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Figure 9

# PRODUCTION OF REFINED COPPER IN SELECTED AREAS SELECTED YEARS, 1950-1961, AND 1965 PLAN

*Thousand metric tons*



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GROUP 1  
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AND DECLASSIFICATION

Table 51  
Production of Refined Copper <sup>a</sup>  
Selected Years, 1950-61, and 1965 Plan

Country	Thousand Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup> .....	2,050*	2,410*	2,440*	2,840*	2,870*	
US.....	1,276.1*	1,436.1*	1,450.2*	1,642.6*	1,661.7*	
Sino-Soviet Bloc.....	294	463	517	N.A.	N.A.	
USSR.....	246.6*	377.3*	406.3*	426.9*	465.3*	772* <sup>c</sup>
Communist China.....	5.3*	15.0*	34.0*	N.A.	N.A.	
North Korea.....	1.6*	1.8*	4.9*	10.0*	11.0*	25* <sup>d</sup>
European Satellites.....	41.0	69.1	72.0	92.9	97.1	
Albania <sup>e</sup> .....	0.9*	0.9*	0.9*	0.9*	1.3*	5* <sup>f</sup>
Bulgaria.....	0.1* <sup>g</sup>	3.8* <sup>g</sup>	6.1* <sup>g</sup>	14.0*	14.4*	28.3*
Czechoslovakia.....	1.0	5.1*	8.1*	10.1*	11.2*	15.7*
East Germany.....	27.8	33.3	32.5	39.2	40.0	45.6
Hungary.....	N.A.	7.8*	3.0	3.0	3.0	
Poland.....	10.5*	15.7*	17.4*	21.7*	22.2*	23.5*
Rumania.....	0.7	2.5	4.0	4.0	5.0	16.0 <sup>f</sup>

Other NATO Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Belgium.....	137.2*	223.5*	Italy.....	11.1*	15.4*	Turkey.....	Negl.*	12.7*
Canada.....	216.1*	368.6*	Netherlands.....	Negl.*	0.4*	UK.....	193.2*	238.1*
Denmark.....	Negl.*	0.1*	Norway.....	6.1*	18.0*	West Germany...	198.3*	304.3*
France.....	15.8*	22.8*	Portugal.....	Negl.*	5.7*			

Other Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Chile.....	299.5*	225.4*	India.....	6.7*	8.3*	Northern		
Congo.....	96.6*	175.9* <sup>h</sup>	Japan.....	84.7*	277.0*	Rhodesia.....	78.9*	418.9*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data refer to primary and secondary refined copper produced from domestic and imported ores and scrap.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Estimated production for 1965.

<sup>d</sup> Plan data for 1967.

<sup>e</sup> Blister copper.

<sup>f</sup> Estimated plan for 1965.

<sup>h</sup> Data are for 1960.

Table 52  
Production of Primary Aluminum <sup>a</sup>  
Selected Years, 1950-61, and 1965 Plan

Country	Thousand Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup> .....	1,210*	2,400*	2,510*	3,200*	3,040*	
US.....	651.9*	1,420.4*	1,420.8*	1,827.4*	1,727.2*	
Sino-Soviet Bloc.....	173	549	682	N.A.	N.A.	
USSR.....	155.0*	430.0*	510.0*	700.0*	800.0*	1,450* <sup>c</sup>
Communist China.....	0	10.0*	50.0*	N.A.	N.A.	
European Satellites.....	17.5	109	122	162*	190*	
Czechoslovakia.....	0	24.4*	26.4*	52.0*	56.0*	85.0*
East Germany.....	0.8	26.8	34.0	35.0*	35.0*	55.0*
Hungary.....	16.7*	37.0*	39.5*	49.5*	51.1*	57.0*
Poland.....	0*	20.4*	22.4*	26.0*	47.6*	75.0*
Rumania.....	0*	0*	0*	0*	0*	25.0* <sup>d</sup>

Other NATO Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Canada.....	360.0*	575.0*	Italy.....	34.2*	83.3*	UK.....	29.9*	32.6*
France.....	60.7*	279.2*	Norway.....	45.3*	171.6*	West Germany.....	27.8*	172.6*

Other Countries

Country	1950	1961	Country	1950	1961
India.....	3.6*	17.8*	Japan.....	24.8*	153.7*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data refer to production of primary (virgin) aluminum from domestic and imported ores.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Midpoint of the range of the estimated plan for 1965 of 1.4 million to 1.5 million metric tons.

<sup>d</sup> Midpoint of the range of the plan for 1965 of 20,000 to 30,000 metric tons.

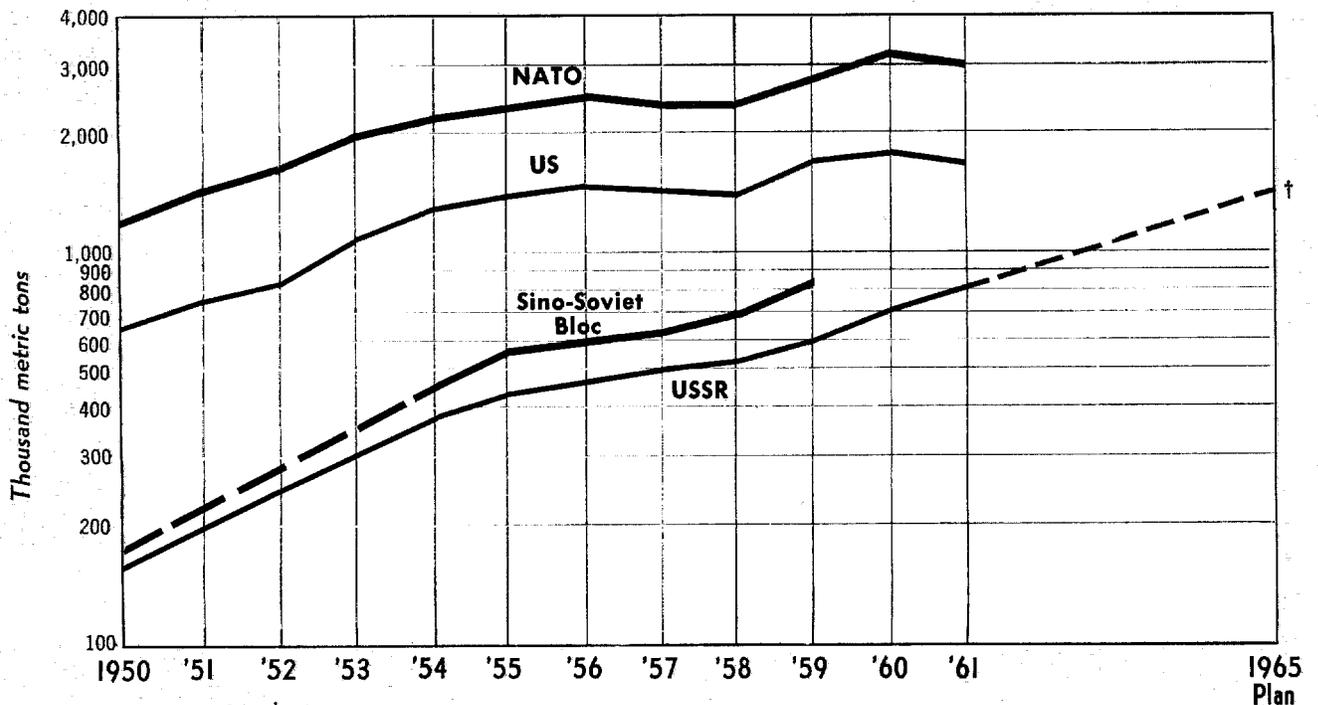
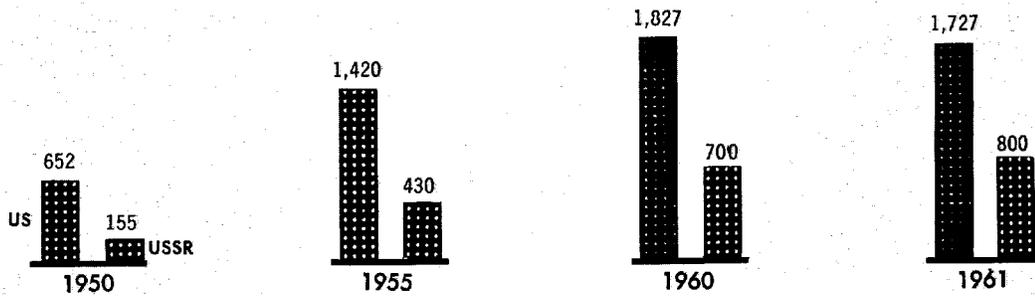
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Figure 10

# PRODUCTION OF PRIMARY ALUMINUM IN SELECTED AREAS SELECTED YEARS, 1950-61, AND 1965 PLAN

*Thousand metric tons*



† Midpoint of the range of the estimated plan for 1965 of 1.4 million to 1.5 million metric tons.

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Table 53  
 Production of Bauxite  
 Selected Years, 1950-61, and 1965 Plan

Country	Thousand Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>a</sup> .....	2,400*	4,140*	4,310*	5,340*	N.A.*	
US.....	1,356*	1,817*	1,332*	2,030*	1,218*	
Sino-Soviet Bloc.....	1,680	4,090	4,690	N.A.	N.A.	
USSR.....	1,100	2,700 <sup>b</sup>	3,200 <sup>b</sup>	4,500 <sup>b</sup>	5,000 <sup>b</sup>	11,500 <sup>b</sup> °
Communist China <sup>d</sup> .....	0	110	360	N.A.	N.A.	
European Satellites.....	583*	1,280*	1,130*	1,280*	1,500*	
Hungary.....	578*	1,241*	1,053*	1,188*	1,400*	1,525* °
Rumania.....	5*	37*	73*	88*	98*	

Other NATO Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
France.....	808*	2,038*	Italy.....	153*	315*	West Germany...	4*	4*
Greece.....	77*	950*						

Other Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
British Guiana.....	1,609*	2,511*	Jamaica.....	Negl.*	5,837*	Surinam.....	2,081*	3,455*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>b</sup> Including nonbauxite aluminum-bearing ores.

<sup>c</sup> Midpoint of the range of the estimated planned production for 1965 of 11 million to 12 million metric tons.

<sup>d</sup> Including only aluminous shales and clays used for the manufacture of aluminum or for export but excluding shales used for refractories, abrasives, and cement.

<sup>°</sup> Estimated production for 1965.

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MINERALS AND METALS

Table 54  
Smelter Production of Lead <sup>a</sup>  
Selected Years, 1950-61, and 1965 Plan

Country	Thousand Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup> .....	849*	885*	907*	857*	N.A.*	
US <sup>c</sup> .....	458.2*	434.5*	425.8*	346.9*	411.7*	
Sino-Soviet Bloc.....	161	351	447	N.A.	N.A.	
USSR.....	112.3*	258.3*	288.5*	314.0*	326.5*	432.8* <sup>d</sup>
Communist China.....	2.8*	16.0*	45.0*	N.A.	N.A.	
North Korea.....	Negl.	9.4*	19.0*	27.0*	33.0* <sup>e</sup>	
European Satellites.....	46.0	67.3	94.9	116	125	
Bulgaria.....	2.8*	5.1*	26.1*	40.4*	42.7*	93.0*
Czechoslovakia.....	7.6*	8.0*	9.1*	15.4*	15.8*	17.5*
East Germany.....	4.8	8.9	9.5	10.4	10.5	
Hungary.....	Negl.*	Negl.*	0.5*	0.5*	0.5*	1.0* <sup>d</sup>
Poland.....	22.2*	34.2*	34.2*	34.2*	39.8*	52.5*
Rumania.....	8.6*	11.1*	15.5*	15.5*	15.5*	30.0* <sup>f</sup>

Other NATO Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
Belgium <sup>g</sup> .....	62.1*	92.7*	Greece.....	2.1*	3.6*	Turkey.....	0.1*	0.4*
Canada.....	154.6*	145.2*	Italy.....	37.5*	43.6*	UK <sup>h</sup> .....	3.0*	1.1*
France.....	64.2*	74.5*	Portugal.....	0.6*	0.9*	West Germany...	66.6*	147.7*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data refer to smelter production of lead produced from domestic and imported ores and concentrates, excluding all metal produced from scrap.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Refined lead produced from domestic and foreign ores. Refined lead produced from imported base bullion is not included.

<sup>d</sup> Estimated plan for 1965.

<sup>e</sup> Plan data.

<sup>f</sup> Estimated production for 1965.

<sup>g</sup> Including scrap but excluding refined lead produced from imported base bullion.

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Table 55  
 Production of Refined Zinc <sup>a</sup>  
 Selected Years, 1950-61, and 1965 Plan

Country	Thousand Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup> .....	1,490*	1,830*	1,740*	1,860*	1,920*	
US <sup>c</sup> .....	765.2*	874.1*	751.0*	791.5*	813.7*	
Sino-Soviet Bloc.....	235	408	554	N.A.	N.A.	
USSR.....	111.2*	222.4*	315.0*	339.5*	351.0*	504.0* <sup>d</sup>
Communist China.....	2.7	13.0	29.0	N.A.	N.A.	
North Korea.....	4.8*	0*	18.0*	48.0*	62.0* <sup>e</sup>	
European Satellites.....	117	172	192	214	227	
Bulgaria.....	0*	1.4*	8.2*	16.9*	22.1*	55.0*
Czechoslovakia.....	N.A.	1.3*	1.7*	2.0*	2.2*	4.3*
East Germany <sup>f</sup> .....	Negl.	3.2	4.0	4.0	4.3	19.8 *
Hungary.....	N.A.	N.A.	0.4	0.4	0.4	
Poland.....	113.6*	156.2*	162.6*	175.5*	182.0*	230.0*
Rumania.....	3.0	10.0*	15.0*	15.0*	16.0*	36.0* <sup>d</sup>

Other NATO Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Belgium.....	177.3*	246.3*	Italy.....	37.9*	84.2*	UK.....	71.4*	94.4*
Canada.....	185.4*	241.0*	Netherlands.....	19.8*	39.3*	West Germany...	122.8*	194.5*
France.....	71.5*	161.3*	Norway.....	43.2*	46.3*			

Other Countries

Country	1950	1961	Country	1950	1961
Japan.....	49.0*	211.2*	Mexico.....	53.5*	50.7*

\* An asterisk indicates that the data are unclassified.  
<sup>a</sup> Data refer to production of refined metal from domestic and imported ores and scrap.  
<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."  
<sup>c</sup> Including production of redistilled zinc by secondary smelters, which is about 30,000 metric tons per year.  
<sup>d</sup> Estimated plan for 1965.  
<sup>e</sup> Plan data.  
<sup>f</sup> Annual production consists of zinc produced from scrap except for 150 to 200 metric tons before 1960, 500 metric tons in 1961, and 16,000 metric tons estimated for 1965.  
<sup>g</sup> Estimated production for 1965.

Table 56  
Smelter Production of Primary Tin Metal <sup>a</sup>  
Selected Years, 1950-61, and 1965 Plan

Country	Thousand Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup> .....	<b>93.8*</b>	<b>89.3*</b>	<b>66.6*</b>	<b>57.5*</b>	<b>45.1*</b>	
US.....	32.7*	22.7*	5.3*	13.7*	8.6*	
Sino-Soviet Bloc.....	<b>14.3</b>	<b>31.2*</b>	<b>49.0</b>	<b>N.A.</b>	<b>N.A.</b>	
USSR.....	8.1*	12.6*	16.0*	18.0*	19.0*	23.0* <sup>c</sup>
Communist China.....	6.0*	18.0*	32.0*	N.A.	N.A.	
North Vietnam.....	0	0	0.2*	0.5*	0.6	
European Satellites.....	<b>0.2</b>	<b>0.6*</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	
East Germany <sup>d</sup> .....	0.2	0.6*	0.8	0.8	0.8	0.9 <sup>c</sup>

Other NATO Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Belgium.....	9.7*	6.1*	Netherlands.....	21.4*	2.8*	UK <sup>e</sup> .....	29.0*	25.9*
Canada.....	0.4*	Negl.*	Portugal.....	0.2*	0.7*	West Germany...	0.6*	1.0*

Other Countries

Country	1950	1961	Country	1950	1961
Japan.....	0.4*	1.7*	Malaya and Singapore.....	69.9*	80.4*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data refer to production of primary (virgin) metal and exclude tin derived from scrap or detinning.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Estimated plan for 1965.

<sup>d</sup> Tin crude, 99 percent.

<sup>e</sup> Including some secondary tin metal.

Table 57  
Production of Mercury  
Selected Years, 1950-61

34.5-Kilogram Flasks

Country	1950	1955	1958	1960	1961
NATO *	<b>57,900*</b>	<b>73,300*</b>	<b>98,300*</b>	<b>90,000*</b>	<b>88,400*</b>
US.....	4,535*	18,955*	38,067*	33,223*	31,662*
Sino-Soviet Bloc.....	<b>18,800</b>	<b>48,100</b>	<b>72,100</b>	<b>N.A.</b>	<b>N.A.</b>
USSR.....	17,000	27,000	27,000	32,000	35,000
Communist China.....	1,000	20,000	44,000	N.A.	N.A.
European Satellites.....	<b>794</b>	<b>1,110</b>	<b>1,100</b>	<b>1,160</b>	<b>1,150</b>
Czechoslovakia.....	605	752	750	750	750
Rumania.....	189*	361*	353*	412*	400*

Other NATO Countries

Country	1950	1961	Country	1950	1961
Italy.....	53,346*	55,434*	Turkey.....	<i>Negl.*</i>	1,300*

Other Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Japan.....	1,312*	5,300*	Spain.....	51,808*	50,000*	Yugoslavia....	14,368*	15,954*
Mexico.....	3,757*	18,507*						

\* An asterisk indicates that the data are unclassified.

\* NATO totals include only data for the US, Italy, and Turkey.

Table 58  
 Production of Cadmium Metal <sup>a</sup>  
 Selected Years, 1950-61, and 1965 Plan

Country	Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup> .....	5,280*	6,940*	6,860*	7,460*	7,490*	
US <sup>c</sup> .....	4,168* <sup>d</sup>	4,424*	4,387*	4,618*	4,510*	
Sino-Soviet Bloc.....	680*	1,170*	1,490*	1,620*	1,670*	
USSR.....	360*	730*	1,030*	1,120*	1,160*	
European Satellites.....	320*	440*	458*	497*	513*	
Bulgaria.....	0	<i>Negl.</i>	<i>N.A.</i>	<i>N.A.</i>	<i>N.A.</i>	200*
Poland.....	320*	440*	458*	497*	513*	700* <sup>e</sup>

Other NATO Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Belgium.....	365*	690*	Italy.....	75*	347*	UK.....	119*	99*
Canada.....	385*	1,016*	Netherlands.....	<i>N.A.</i> <sup>*</sup>	40*	West Germany...	12*	429*
France.....	72*	250*	Norway.....	79*	105*			

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data refer to production of refined metal from domestic and imported materials.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Unless otherwise indicated, excluding cadmium compounds.

<sup>d</sup> Including cadmium compounds.

<sup>e</sup> Estimated plan for 1965.

Table 59  
Production of Primary Magnesium <sup>a</sup>  
Selected Years, 1950-61, and 1965 Plan

Country	Thousand Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup> .....	19.4*	79.3*	51.6*	64.9*	70.7*	
US.....	14.3*	55.5*	27.3*	36.4*	37.0*	
Sino-Soviet Bloc.....	8.7	12.7	18.3	27.1	32.4	
USSR.....	6.0*	12.0*	18.0*	26.2*	31.5*	66.6* <sup>c</sup>
European Satellites.....	2.7	0.7	0.3	0.9	0.9	
East Germany <sup>d</sup> .....	2.7	0.7	0.3	0.6 <sup>e</sup>	0.6	4.0
Hungary.....	0*	0*	0*	0.3*	0.3*	

Other NATO Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Canada.....	1.6*	7.0*	Italy.....	0.1*	5.5*	UK <sup>f</sup> .....	3.0*	3.8*
France.....	0.4*	2.1*	Norway.....	Negl.*	15.0*	West Germany <sup>g</sup> .....	Negl.*	0.3*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data refer to production of primary (virgin) magnesium (ingots and ingot equivalent of other forms).

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Estimated minimum production for 1965.

<sup>d</sup> Secondary magnesium except plan data for 1965.

<sup>e</sup> Plan data.

<sup>f</sup> Including remelt alloys.

Table 60

Production of Sulfur <sup>a</sup>  
Selected Years, 1950-61, and 1965 Plan

Thousand Metric Tons

Country	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup> .....	<b>7,390* <sup>o</sup></b>	<b>9,350*</b>	<b>8,790*</b>	<b>10,100*</b>	N.A.*	
US.....	5,675*	6,715*	5,780*	6,320*	N.A.*	
Sino-Soviet Bloc <sup>d</sup> .....	<b>1,300</b>	<b>2,540</b>	<b>3,330</b>	N.A.	N.A.	
USSR.....	870	1,499	1,872	2,077	2,192	4,250 <sup>e</sup>
Communist China.....	20	160	390	N.A.	N.A.	
North Korea <sup>f</sup> .....	54	11	99	110	110	
European Satellites.....	<b>360</b>	<b>874</b>	<b>967</b>	<b>1,040</b>	N.A.	
Bulgaria.....	6*	27*	35*	47*	52*	
Czechoslovakia.....	N.A.	191	211	202	N.A.	
East Germany.....	274	426	451	436	471	
Poland.....	60	180*	220*	270*	310*	520* <sup>g</sup>
Rumania.....	20	50	50	80*	80*	
Cuba <sup>h</sup> .....	N.A.*	62*	17*	N.A.	N.A.	

Other NATO Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
Canada <sup>i</sup> .....	137*	796*	Netherlands.....	N.A.*	30*	Turkey.....	6*	37*
France.....	112*	907*	Norway.....	318*	427*	UK.....	5*	54*
Greece.....	42*	57*	Portugal.....	276*	313*	West Germany...	192*	307*
Italy.....	628*	809*						

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data refer to production of sulfur from all sources, including production of elemental sulfur and sulfur recovered from pyrites.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Including only sulfur produced in mines and sulfur recovered from pyrites.

<sup>d</sup> All sulfur produced in countries of the Sino-Soviet Bloc, except about 300,000 metric tons of native sulfur in the USSR and 50,000 metric tons of native sulfur in Communist China, is from such sources as pyrites, gypsum, waste gases, and kieserite.

<sup>e</sup> Estimated production for 1965.

<sup>f</sup> Sulfur recovered from pyrites as sulfur dioxide, which, for the most part, is converted into sulfuric acid.

<sup>g</sup> Estimated plan for 1965.

<sup>h</sup> Sulfur recovered from pyrites.

<sup>i</sup> Sales.

Table 61  
 Land Utilization

Country	Thousand Hectares <sup>a</sup>		Arable Land as a Percent of the Total Area
	Total Area <sup>b</sup>	Arable Land <sup>c</sup>	
NATO:			
US.....	936,340*	188,443*	20*
Other NATO countries:			
Belgium.....	3,051*	963*	32*
Canada.....	997,438*	40,600*	4*
Denmark.....	4,304*	2,777*	65*
France.....	55,121*	21,511*	39*
Greece.....	13,092*	3,686*	28*
Iceland.....	10,300*	1*	Negl.*
Italy.....	30,123*	15,851*	53*
Luxembourg.....	259*	76*	29*
Netherlands.....	3,245* <sup>d</sup>	1,035*	32*
Norway.....	32,392*	839*	3*
Portugal.....	8,883*	4,130* <sup>e</sup>	46*
Turkey.....	77,698*	24,972*	32*
UK <sup>f</sup> .....	24,402*	7,187*	29*
West Germany.....	24,692*	8,640*	35*
Sino-Soviet Bloc:			
USSR.....	2,233,300*	233,900*	10*
Communist China.....	956,100*	107,300*	11*
North Korea.....	12,386*	2,378*	19*
Albania.....	2,875*	457*	16*
Bulgaria.....	11,093*	4,610*	42*
Czechoslovakia.....	12,787*	5,405*	42*
East Germany.....	10,799*	5,072*	47*
Hungary.....	9,302*	5,622*	60*
Poland.....	31,173*	16,223*	52*
Rumania.....	23,750*	9,821*	41*
Cuba.....	11,452*	1,970*	17*
Other Countries:			
Argentina <sup>g</sup> .....	277,841*	30,000*	11*
India <sup>h</sup> .....	328,888*	159,662*	49*
Mexico.....	196,927*	19,928*	10*
Spain <sup>i</sup> .....	50,502*	20,903*	41*

\* An asterisk indicates that the data are unclassified.  
<sup>a</sup> One hectare equals 2.471 acres. For the most part, data are for the period 1956-59.  
<sup>b</sup> Total area refers to the total area of the country, including bodies of inland water.  
<sup>c</sup> Arable land (including fallow) and land under crops include land planted to crops (with double-cropped areas being counted only once); land temporarily fallow; temporary meadows for mowing or pasture; garden land; and area under fruit trees, vines, fruit-bearing shrubs, and rubber plantations.  
<sup>d</sup> Land area only.  
<sup>e</sup> Total agricultural area.  
<sup>f</sup> Data refer to land belonging to agricultural holdings exceeding 0.405 hectare (1 acre) in the UK and 0.101 hectare (0.25 acre) in Northern Ireland.  
<sup>g</sup> Continental sector only.  
<sup>h</sup> Including data for the whole of Kashmir.  
<sup>i</sup> Including data for the Balearic and Canary Islands.

Table 62  
Production of Total Grain <sup>a</sup>  
Selected Years, 1950-61, and 1965 Plan

Country	Million Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup> .....	224*	250*	285*	300*	268*	
US.....	140.69*	147.52*	185.56*	191.49*	173.59*	
Sino-Soviet Bloc.....	260	311	360	307	321	
USSR <sup>c</sup> .....	81.20*	106.80*	130.00	100.00	115.00	172.00 * <sup>d</sup>
Communist China.....	138.00	155.90	182.00	156.00	154.00	
North Korea.....	2.46* <sup>e</sup>	2.21*	3.46	2.68	2.94	
North Vietnam <sup>f</sup> .....	2.30*	3.79*	4.77*	4.67*	4.97*	
European Satellites.....	35.6	42.3	39.8	44.1	44.0	
Albania.....	0.25*	0.34*	0.29*	0.24*	0.34*	
Bulgaria.....	2.79*	3.53*	3.45*	3.99*	3.55*	
Czechoslovakia.....	4.73	5.10	4.83	5.74	5.60	
East Germany.....	5.63	5.40	5.64	5.60	4.80	7.63
Hungary.....	5.50	6.62	5.66	6.88	6.20	
Poland <sup>g</sup> .....	11.58*	12.66*	13.53*	13.09	14.25	15.56*
Rumania.....	5.15	8.62	6.44	8.58	9.29	15.00 <sup>h</sup>
Cuba <sup>i</sup> .....	0.24*	0.39*	0.37*	0.44*	0.41*	

Other NATO Countries <sup>i</sup>

Country	1950	1961	Country	1950	1961	Country	1950	1961
Belgium.....	1.55*	1.69*	Italy.....	11.98*	13.90*	Portugal.....	1.61*	1.27*
Canada.....	23.46*	16.05*	Luxembourg.....	0.08*	0.04* <sup>j</sup>	Turkey.....	7.59*	11.04*
Denmark.....	3.08*	4.44*	Netherlands.....	1.33*	1.60*	UK.....	7.18*	9.46*
France.....	13.66*	20.28*	Norway.....	0.35*	0.63*	West Germany.	9.65*	11.17*
Greece.....	1.45*	2.39*						

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Excluding potatoes and soybeans for all countries. Unless otherwise indicated, data for NATO and the Sino-Soviet Bloc include, where produced, barley, corn, oats, rice, rye, sorghum, and wheat. Data for the Sino-Soviet Bloc also include, unless otherwise indicated, miscellaneous grains such as buckwheat, millet, and mixed grains.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." Data for sorghum are included only for the US.

<sup>c</sup> Including pulse.

<sup>d</sup> Midpoint of the range of planned production for 1965 of 164 million to 180 million metric tons.

<sup>e</sup> Data are for 1949.

<sup>f</sup> Including corn and rice only.

<sup>g</sup> Including barley, oats, rye, and wheat only.

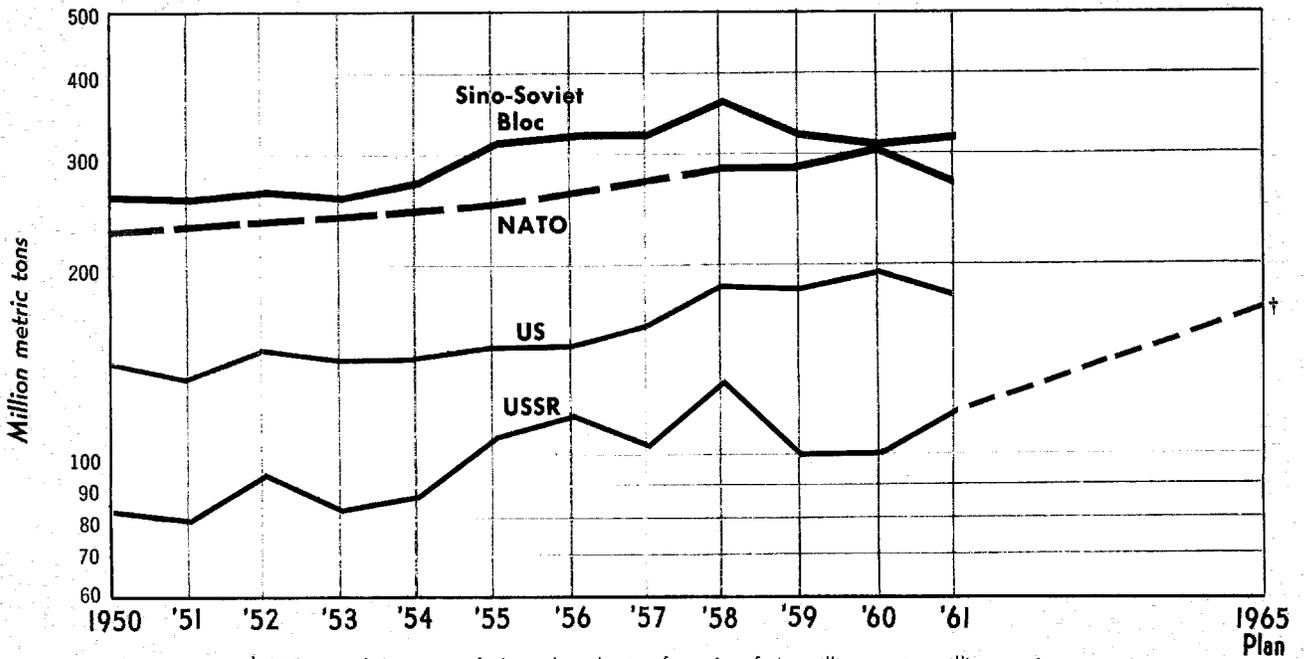
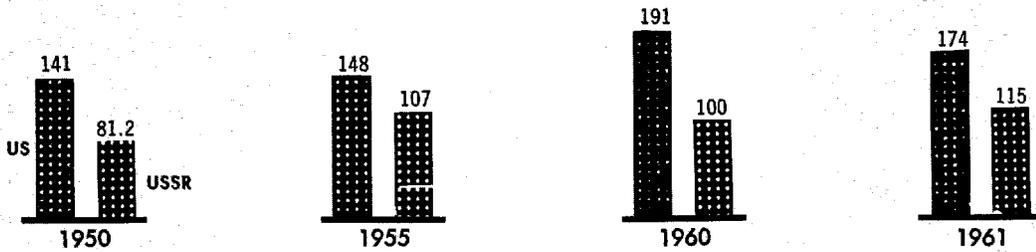
<sup>h</sup> Midpoint of the range of planned production for 1965 of 14 million to 16 million metric tons.

<sup>i</sup> Excluding sorghum.

<sup>j</sup> Oats only.

## PRODUCTION OF TOTAL GRAIN IN SELECTED AREAS SELECTED YEARS, 1950-61, AND 1965 PLAN

*Million metric tons*



† Midpoint of the range of planned production for 1965 of 164 million to 180 million metric tons.

Table 63  
Production of Breadgrains <sup>a</sup>  
Selected Years, 1950-61, and 1965 Plan

Country	Million Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup> .....	74.2*	82.5*	93.5*	94.3*	80.3*	
US.....	28.28*	26.18*	40.60*	37.78*	34.30*	
Sino-Soviet Bloc.....	92.0	109	135	102	110	
USSR.....	49.10*	63.80*	84.00	59.00	69.00	
Communist China <sup>c</sup> .....	21.00	23.00	29.00*	20.00	17.00	
North Korea <sup>c</sup> .....	0.11 <sup>d</sup>	0.10	0.07	0.06	0.05	
European Satellites.....	21.7	22.5	22.4	22.9	24.0	
Albania.....	0.09*	0.13*	0.11*	0.10*	0.13*	
Bulgaria.....	1.81	1.77	2.12	2.09	1.94	
Czechoslovakia.....	2.58*	2.44*	2.28*	2.40*	2.59*	
East Germany.....	3.63	3.14	3.34	3.30	2.78	
Hungary.....	2.85*	2.68*	1.86*	2.12*	2.23*	
Poland.....	8.38*	9.14*	9.66*	9.36	10.36	
Rumania.....	2.40*	3.22*	3.04*	3.55*	3.98*	5.2* <sup>e</sup>

Other NATO Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Belgium.....	0.79*	0.84*	Italy.....	7.90*	8.40*	Portugal.....	0.74*	0.51*
Canada.....	12.90*	7.28*	Luxembourg.....	0.05*	N.A.*	Turkey.....	4.53*	6.73*
Denmark.....	0.63*	0.94*	Netherlands.....	0.72*	0.78*	UK.....	2.71*	2.56*
France.....	8.31*	9.78*	Norway.....	0.07*	0.30*	West Germany...	5.64*	6.54*
Greece.....	0.90*	1.62*						

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data refer to wheat and rye.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Excluding rye.

<sup>d</sup> Data are for 1949.

<sup>e</sup> Midpoint of the range of planned production for 1965 of 5.0 million to 5.4 million metric tons.

Table 64  
Production of Other Grains <sup>a</sup>  
Selected Years, 1950-61

Country	Million Metric Tons				
	1950	1955	1958	1960	1961
NATO <sup>b</sup> .....	147*	164*	188*	202*	184*
US <sup>c</sup> .....	110.65	118.79*	142.94*	151.23*	136.83*
Sino-Soviet Bloc <sup>d</sup> .....	100	119	117	115	126
USSR <sup>e</sup> .....	31.90	42.80	46.00	41.00	46.00
Communist China <sup>f</sup> .....	53.00	54.90	54.00	52.00	58.00
North Korea.....	1.58 *	1.23	N.A.	1.11	1.31
North Vietnam <sup>h</sup> .....	0.06	0.19*	0.20*	0.20*	0.31*
European Satellites.....	13.8	19.6	17.3	21.1	19.9
Albania.....	0.15*	0.20*	0.18*	0.15*	0.20*
Bulgaria.....	0.95	1.71	1.23	1.87	1.57
Czechoslovakia <sup>i</sup> .....	2.14*	2.66*	2.55*	3.34*	3.01*
East Germany.....	2.00*	2.26	2.30	2.30	2.02
Hungary.....	2.60*	3.91*	3.78*	4.71*	3.93*
Poland <sup>j</sup> .....	3.21*	3.53*	3.88*	3.73	3.89
Rumania.....	2.71*	5.36	3.37	4.98	5.26
Cuba <sup>h</sup> .....	0.16*	0.17*	0.15*	0.19*	0.20*

Other NATO Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Belgium.....	0.77*	0.85*	Italy.....	3.34*	4.80*	Portugal.....	0.75*	0.58*
Canada.....	10.56*	8.77*	Luxembourg <sup>k</sup> .....	0.04*	0.04*	Turkey.....	2.99*	4.20*
Denmark.....	2.45*	3.49*	Netherlands.....	0.61*	0.82*	UK.....	4.47*	6.90*
France.....	5.30*	10.36*	Norway.....	0.28*	0.60*	West Germany...	4.01*	4.63*
Greece.....	0.52*	0.69*						

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data include, where produced, barley, corn, and oats.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Also including sorghum, which amounted to 5.9 million metric tons in 1950 and 12.3 million metric tons in 1961.

<sup>d</sup> Unless otherwise indicated, including miscellaneous grains such as buckwheat, millet, and mixed grains.

<sup>e</sup> Also including pulse and, for 1955 and thereafter, ensiled immature ears of corn converted to a dry grain equivalent.

<sup>f</sup> Also including kaoliang, broad beans, and field peas.

<sup>g</sup> Data are for 1949.

<sup>h</sup> Corn only.

<sup>i</sup> Excluding miscellaneous grains.

<sup>j</sup> Excluding corn and miscellaneous grains.

<sup>k</sup> Oats only.

Table 65  
 Production of Rice <sup>a</sup>  
 Selected Years, 1950-61, and 1965 Plan

Country	Thousand Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup> .....	2,770*	3,830*	3,240*	3,540*	3,670*	
US.....	1,755*	2,536*	2,013*	2,477*	2,464*	
Sino-Soviet Bloc.....	67,800	83,200*	106,000*	90,300	85,500	
USSR.....	202*	246*	216*	187*	200	
Communist China.....	64,000	78,000*	99,000*	84,000	79,000	
North Korea.....	1,250*	1,242*	1,809*	1,513	1,533	3,000* <sup>c</sup>
North Vietnam.....	2,238	3,604*	4,575*	4,470*	4,663*	
European Satellites.....	127*	134*	160*	129*	124*	
Albania.....	3*	10*	5*	5*	6*	
Bulgaria.....	38*	49*	45*	30*	38*	
Hungary.....	50*	40*	73*	45*	30*	
Rumania.....	36*	35*	37*	49*	50*	
Cuba.....	76*	215*	226*	250*	220*	

Other NATO Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
France.....	47*	145*	Italy.....	740*	700*	Turkey.....	77*	107*
Greece.....	32*	81*	Portugal.....	121*	174*			

Other Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
India <sup>d</sup> .....	31,800*	51,700*	Japan.....	11,994*	16,109*	Pakistan....	12,501*	14,500* <sup>d</sup>

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data refer to rough or paddy rice. Crop production statistics for the Northern Hemisphere relate generally to the harvests of the spring, summer, and autumn of the year stated, but for the more southerly regions of this hemisphere they relate to harvests continuing into the early part of the following year. For the Southern Hemisphere these data relate to crops generally harvested in the latter part of the year stated and the first half of the following year.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Plan data for 1967.

<sup>d</sup> Estimated from planted acreage.

Table 66  
Production of Potatoes  
Selected Years, 1950-61, and 1965 Plan

Country	Million Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>a</sup> .....	80.4*	79.4*	80.1*	85.8*	80.7*	
US.....	11.70*	11.53*	13.49*	13.07*	14.42*	
Sino-Soviet Bloc.....	210	200	266	241	249	
USSR.....	88.61*	71.75*	86.53*	84.37*	84.00*	147.00*
Communist China <sup>b</sup> .....	60.00	75.60*	120.00	96.00	104.00	
North Korea <sup>b</sup> .....	0.70* <sup>c</sup>	0.62*	0.80*	0.79*	1.05*	
North Vietnam <sup>d</sup> .....	0.15*	0.53*	0.54*	0.56*	1.20*	
European Satellites.....	60.5*	51.1	58.0	59.6	59.0	
Albania.....	0.03*	0.03*	0.02*	0.02*	0.03*	
Bulgaria.....	0.15*	0.36*	0.25*	0.48*	0.32*	
Czechoslovakia.....	8.16*	7.90*	6.59*	5.09*	5.64*	
East Germany.....	13.10*	11.20*	11.50*	13.00*	9.50*	
Hungary.....	1.35*	2.47*	2.60*	2.66*	1.67*	
Poland.....	36.13*	27.02*	34.80*	35.96	39.49	41.85*
Rumania.....	1.60*	2.09	2.22	2.41	2.37	4.75* <sup>e</sup>
Cuba.....	0.09*	0.14*	0.11*	0.12*	0.13*	

Other NATO Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Belgium.....	2.32*	1.87*	Italy.....	2.38*	4.55*	Portugal.....	1.13*	1.22*
Canada.....	2.69*	2.30*	Luxembourg.....	0.15*	N.A.*	Turkey.....	0.60*	1.40* <sup>f</sup>
Denmark.....	1.85*	1.57*	Netherlands.....	4.05*	3.74*	UK.....	9.66*	6.70*
France.....	14.43*	17.02*	Norway.....	1.12*	1.34*	West Germany...	27.95*	24.06*
Greece.....	0.35*	0.51*						

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>b</sup> Including sweet and Irish potatoes and other starchy tubers such as taro and cassava.

<sup>c</sup> Data are for 1949.

<sup>d</sup> Sweet potatoes only.

<sup>e</sup> Midpoint of the range of planned production for 1965 of 4.5 million to 5.0 million metric tons.

<sup>f</sup> Data are for 1960.

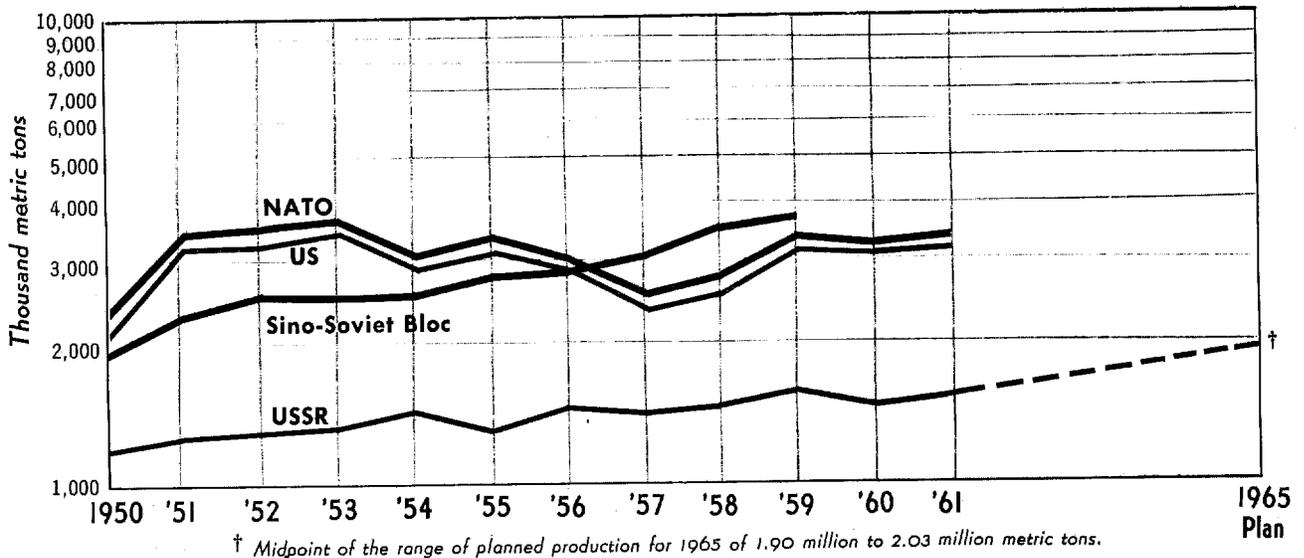
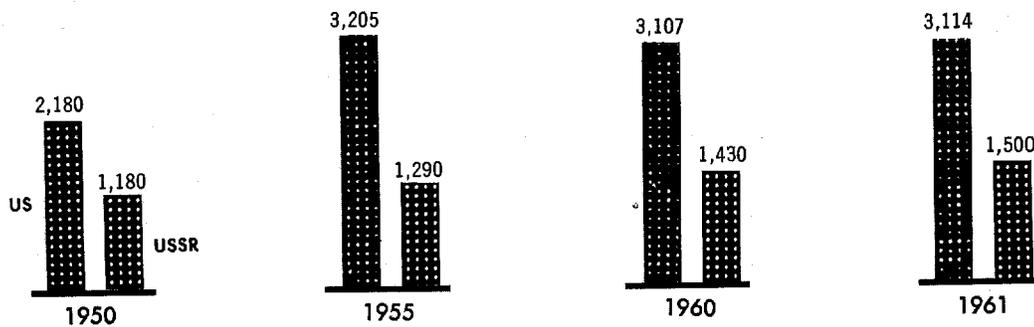
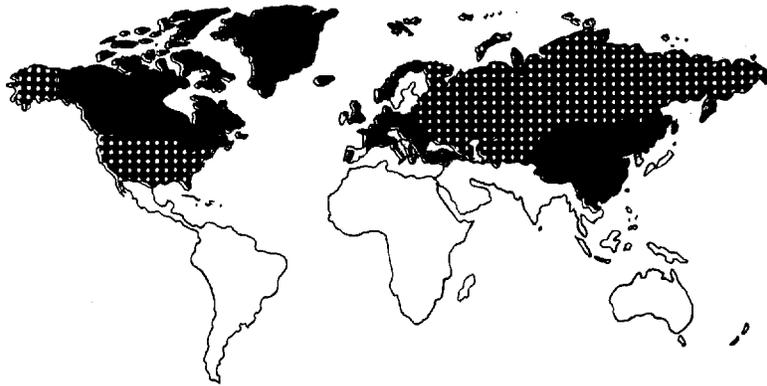
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Figure 12

# PRODUCTION OF GINNED COTTON IN SELECTED AREAS SELECTED YEARS, 1950-61, AND 1965 PLAN

*Thousand metric tons*



† Midpoint of the range of planned production for 1965 of 1.90 million to 2.03 million metric tons.

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**SECRET**

GROUP 1  
EXCLUDED FROM AUTOMATIC DOWNGRADING  
AND DECLASSIFICATION

Table 67  
Production of Ginned Cotton  
Selected Years, 1950-61, and 1965 Plan

Country	Thousand Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>a</sup> .....	2,330*	3,410*	2,760*	3,350*	3,400*	
US.....	2,179.9*	3,205.2*	2,506.5*	3,107.4*	3,114.4*	
Sino-Soviet Bloc.....	1,890*	2,840*	3,580*	2,910	2,990	
USSR.....	1,180.0*	1,290.0*	1,450.0*	1,430.0*	1,500.0*	1,965* <sup>b</sup>
Communist China.....	692.5*	1,518.5*	2,100.0*	1,450.0	1,450.0	
North Korea.....	N.A.	N.A.	6.0*	2.3*	10.0*	
North Vietnam.....	N.A.	1.0*	1.8*	1.3*	1.8*	
European Satellites.....	21.8*	31.0*	22.7*	27.2	24.5	
Albania.....	2.3*	4.1*	5.7*	5.7	6.9*	
Bulgaria.....	10.5*	20.2*	15.4*	21.1*	17.6*	
Rumania.....	9.0*	6.7*	1.6*	0.4*	N.A.	

Other NATO Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Greece.....	25.5*	83.8*	Italy.....	4.4*	7.6*	Turkey.....	118.0*	190.5*

Other Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Argentina.....	102.3*	119.8*	Egypt.....	381.9*	334.2*	Mexico.....	250.6*	424.6*
Brazil.....	391.9*	489.9*	India.....	592.2*	892.7*	Pakistan.....	266.7*	297.2*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." The stated year refers to the crop year beginning 1 August. The conversion factor for Free World data is as follows: 1 bale of cotton equals 480 pounds (net weight).

<sup>b</sup> Midpoint of the range of planned production for 1965 of 1.90 million to 2.03 million metric tons.

Table 68

Production of Wool \*  
Selected Years, 1950-61, and 1965 Plan

Country	Thousand Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup> .....	250*	295*	299* <sup>c</sup>	321* <sup>c</sup>	328*	
US.....	112.4*	138.3*	132.9*	146.8*	147.4*	
Sino-Soviet Bloc.....	255	364	441	N.A.	N.A.	
USSR.....	179.6*	255.8*	321.8*	356.8*	367.0	548*
Communist China.....	29.6	45.0	54.2	N.A.	N.A.	
European Satellites.....	45.9	63.2	65.4	72.1	74.9	
Albania.....	2.2	2.6	2.3	2.3	2.5	
Bulgaria.....	13.8*	14.4*	16.5*	21.0*	22.2*	
Czechoslovakia.....	1.4	2.9	2.7	2.2	1.9	
East Germany.....	2.9	7.1*	8.0*	7.7*	7.7	
Hungary.....	4.4*	5.7*	7.3*	8.1*	8.3	
Poland.....	4.4*	9.8*	9.0*	9.0*	8.8	
Rumania.....	16.8	20.7*	19.6*	21.8*	23.5	37*

Other NATO Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Canada.....	4.3*	3.8*	Netherlands.....	2.9*	N.A.*	Turkey.....	30.5*	45.7*
France.....	15.9*	30.0*	Norway.....	3.3*	3.6*	UK.....	40.4*	56.7*
Greece.....	7.5*	11.6*	Portugal.....	9.6*	11.0*	West Germany...	6.9*	5.1*
Italy.....	15.9*	13.2*						

Other Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Argentina.....	195.0*	208.6*	New Zealand.....	176.9*	269.9*	Uruguay.....	83.9*	83.9*
Australia.....	495.3*	761.6*	South Africa <sup>d</sup> .....	103.2*	137.9*			

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data refer to production of raw wool (grease basis) from sheep and include both shorn and pulled wool together with the wool element of "wooled sheepskins."

<sup>b</sup> Unless otherwise indicated, NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

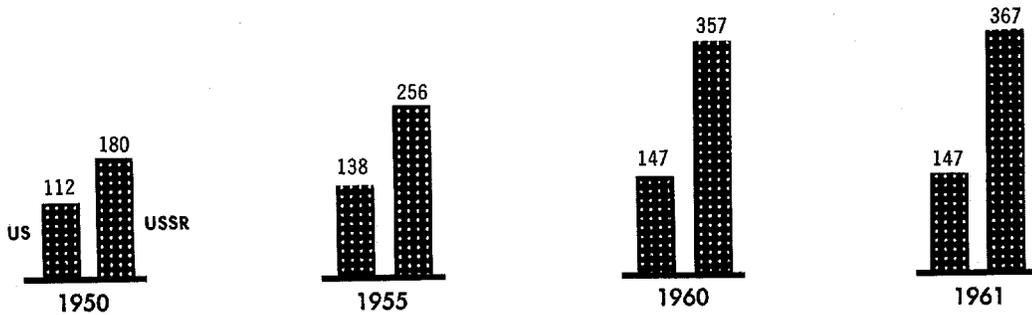
<sup>c</sup> Excluding data for the Netherlands. (See footnote b, above.)

<sup>d</sup> Including Basutoland and South-West Africa.

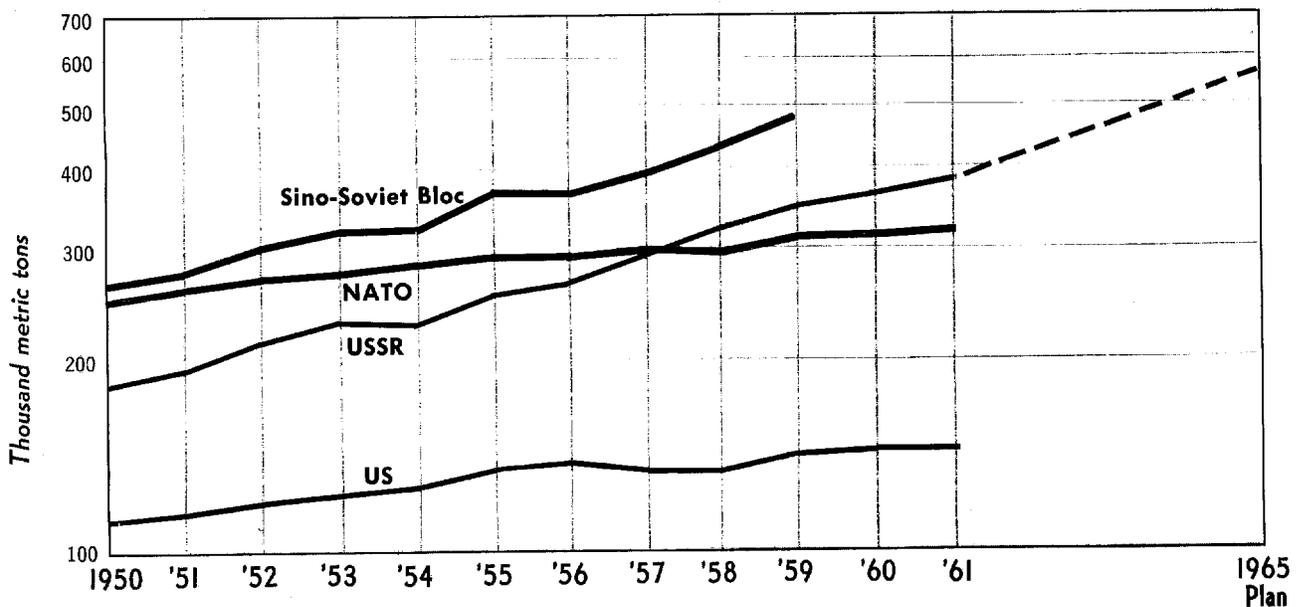
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## PRODUCTION OF WOOL<sup>†</sup> IN SELECTED AREAS SELECTED YEARS, 1950-61, AND 1965 PLAN

*Thousand metric tons*



<sup>†</sup>Grease basis



**SECRET**

GROUP 1  
EXCLUDED FROM AUTOMATIC DOWNGRADING  
AND DECLASSIFICATION

Table 69  
Number of Cattle <sup>a</sup>  
Selected Years, 1950-61, and 1965 Plan

Country	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup> .....	<b>153*</b>	<b>178*</b>	<b>176*</b>	<b>185*</b>	<b>189*</b>	
US.....	77.96*	96.59*	91.35*	96.42*	97.50*	
Sino-Soviet Bloc.....	<b>127</b>	<b>149</b>	<b>159*</b>	<b>N.A.</b>	<b>N.A.</b>	
USSR.....	58.10*	56.70*	66.77*	74.16*	75.78*	109.00*
Communist China <sup>c</sup> .....	43.94 <sup>d</sup> <sup>e</sup>	66.00* <sup>e</sup>	64.90* <sup>f</sup>	<i>N.A.</i>	<i>N.A.</i>	
North Korea.....	0.97	<i>N.A.</i>	0.66*	0.67*	0.66*	1.00 <sup>g</sup>
North Vietnam <sup>h</sup> .....	<i>N.A.</i>	1.84*	2.36*	2.30*	2.30*	
European Satellites.....	<b>23.7</b>	<b>24.5*</b>	<b>24.7*</b>	<b>25.8*</b>	<b>26.4*</b>	
Albania <sup>i</sup> .....	0.43*	0.43*	0.43*	0.42*	0.43*	
Bulgaria.....	1.68*	1.61*	1.44*	1.28*	1.45*	
Czechoslovakia.....	4.21*	4.04*	4.09*	4.30*	4.39*	4.80*
East Germany <sup>j</sup> .....	3.62*	3.76*	4.14*	4.68* <sup>k</sup>	4.52* <sup>k</sup>	5.03*
Hungary <sup>j</sup> .....	2.22*	2.13*	1.94*	1.97*	1.96*	2.27*
Poland <sup>k</sup> .....	7.20*	7.91*	8.21*	8.70*	9.17*	10.50*
Rumania.....	4.38	4.63*	4.47*	4.45*	4.53*	5.80*
Cuba <sup>l</sup> .....	4.55*	4.45*	5.70*	5.76*	5.02*	

Other NATO Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Belgium <sup>m</sup> .....	2.02*	2.68*	Greece <sup>e</sup> .....	0.73*	1.14*	Portugal.....	0.90*	1.12*
Canada <sup>n</sup> .....	8.24*	10.90*	Italy <sup>e</sup> .....	8.16*	10.07*	Turkey <sup>e</sup> .....	11.00*	13.58*
Denmark <sup>o</sup> .....	2.89*	3.36*	Netherlands...	2.72*	3.23*	UK.....	10.62*	11.70*
France.....	15.40*	19.44*	Norway.....	1.24*	1.11*	West Germany.	10.88*	12.87*

Other Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Argentina <sup>k</sup> .....	39.00*	44.00*	Brazil.....	46.25* <sup>d</sup>	73.96*	World total...	790.00*	1,015.00*
Australia.....	14.64*	17.30*						

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data refer to the inventory at the beginning of the calendar year.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Including buffaloes.

<sup>d</sup> Data are for 1949.

<sup>e</sup> Data are as of midyear.

<sup>f</sup> Data are as of the end of the year.

<sup>g</sup> Plan data for 1967.

<sup>h</sup> Unless otherwise indicated, data are as of 3 December.

<sup>i</sup> Data are as of 28 December.

<sup>j</sup> Data are as of 1 March.

<sup>k</sup> Data are as of 30 June.

<sup>l</sup> Data are as of 30 September.

<sup>m</sup> Including data for Luxembourg.

<sup>n</sup> Excluding data for Newfoundland.

<sup>o</sup> Including data for the Faroe Islands and Greenland.

Table 70  
Number of Hogs \*  
Selected Years, 1950-61, and 1965 Plan

Million Head

Country	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup>	96.7* <sup>o</sup>	98.6* <sup>o</sup>	103*	113*	110*	
US	58.85*	50.47*	51.58*	59.08*	55.50*	
Sino-Soviet Bloc	115	158*	216	N.A.	N.A.	
USSR	22.20*	30.90*	44.34*	53.37*	58.67*	
Communist China <sup>d</sup>	64.01	87.92*	131.00	N.A.	N.A.	
North Korea	0.93*	0.70*	1.44*	1.12*	1.39*	3.00* <sup>o</sup>
North Vietnam	0.14*	2.17*	3.98*	3.73*	3.78*	
European Satellites	28.0	36.3*	35.6*	38.7*	40.7*	
Albania <sup>f</sup>	0.05*	0.09*	0.11*	0.12*	0.12*	
Bulgaria	1.04*	1.32*	1.99*	2.27*	2.55*	
Czechoslovakia	4.22*	4.77*	5.44*	5.69*	5.96*	5.51*
East Germany <sup>g</sup>	5.70*	9.03*	7.50*	8.32* <sup>h</sup>	8.40*	8.73*
Hungary <sup>i</sup>	5.54*	5.82*	5.34*	5.36*	5.92*	6.99*
Poland <sup>j</sup>	9.35*	10.89*	11.96*	12.62*	13.43*	15.50*
Rumania	2.11	4.37*	3.25*	4.30*	4.30*	7.50*
Cuba <sup>k</sup>	1.80*	1.36*	1.75*	1.72*	1.20*	

Other NATO Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Belgium <sup>l</sup>	1.47*	1.58*	Greece	0.53*	0.63*	Portugal	1.20*	1.79*
Canada	5.41*	5.53*	Italy	4.38*	4.62*	Turkey	0.11* <sup>n</sup>	0.12*
Denmark	3.12*	6.44* <sup>m</sup>	Netherlands	1.80*	2.93*	UK	2.99*	6.12*
France	6.75* <sup>o</sup>	8.53*	Norway	0.42*	0.49*	West Germany	9.70* <sup>o</sup>	15.78*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data refer to the inventory at the beginning of the calendar year.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>o</sup> Including some official statistics that may underestimate the actual inventory.

<sup>d</sup> The number of hogs that can be accounted for vary from 72 to 85 percent of the official numbers for 1950 and 1955. Data refer to the inventory for midyear for 1950 and 1955 and for the end of the year for 1958.

<sup>e</sup> Estimated data for 1967.

<sup>f</sup> Data are as of the end of the year.

<sup>g</sup> Unless otherwise indicated, data are as of 3 December.

<sup>h</sup> Data are as of 28 December.

<sup>i</sup> Data are as of 1 March.

<sup>j</sup> Data are as of 30 June.

<sup>k</sup> Data are as of 30 September.

<sup>l</sup> Including data for Luxembourg.

<sup>m</sup> Including data for the Faroe Islands.

<sup>n</sup> Data are an average for 1951-55 and are included in the total for 1950.

Table 71  
 Production of Meat <sup>a</sup>  
 Selected Years, 1950-61, and 1965 Plan

Country	Thousand Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup> .....	17,800*	22,700* <sup>o</sup>	22,800* <sup>o</sup>	24,400*	N.A.*	
US.....	10,015*	12,200*	11,638*	12,805*	12,966*	
Sino-Soviet Bloc.....	9,800	12,700	14,300	N.A.	N.A.	
USSR <sup>d</sup> .....	3,300	4,300	5,200	5,900	6,000	11,000
Communist China <sup>o</sup> .....	4,024	5,573	5,877	N.A.	N.A.	
North Korea.....	N.A.	N.A.	N.A.	65 <sup>f</sup>	82*	350* <sup>g</sup>
North Vietnam.....	25	N.A.	N.A.	N.A.	N.A.	
European Satellites.....	2,450	2,820	3,250	3,230	3,410	
Albania.....	7	14	14	14	14	
Bulgaria.....	134	155	226	204	219	
Czechoslovakia.....	414	402	466	484	490	
East Germany.....	475	667	707	730	745	
Hungary.....	338	311	320	290	335	
Poland <sup>h</sup> .....	858	894	1,180	1,102	1,220	2,855* <sup>i</sup>
Rumania <sup>j</sup> .....	225*	377*	336*	409*	390*	
Cuba.....	187*	212*	221*	240*	N.A.	

Other NATO Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
Belgium <sup>k</sup> .....	339*	464*	Greece.....	62*	133*	Portugal.....	156*	153*
Canada.....	869*	1,114*	Italy.....	606*	1,149*	UK.....	1,154*	1,714*
Denmark.....	509*	796*	Netherlands.....	402*	703*	West Germany...1,669*	2,685*	
France.....	1,945*	2,517*	Norway.....	110*	121*			

Other Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
Argentina.....	2,279*	2,101*	Brazil.....	1,299*	1,631*	New Zealand....	565*	748*
Australia.....	1,020*	1,359*	Mexico.....	455*	635*			

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data refer to meat on the basis of carcass weight, bone-in, and include beef, veal, pork, mutton, lamb, goat, carabao, and horse meat where produced but exclude offal, lard, and rabbit and poultry meat.

<sup>b</sup> Unless otherwise indicated, NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>o</sup> Including data for Turkey. (See footnote b, above.)

<sup>d</sup> Also including slaughter fats and poultry. To exclude offal and meat other than that listed above and to reduce the overestimation of production from privately owned livestock, official data have been reduced by 32 percent. Data for 1965 are estimated production.

<sup>o</sup> Including poultry.

<sup>f</sup> Plan data.

<sup>g</sup> Probably including rabbit.

<sup>h</sup> Including edible offal.

<sup>i</sup> Live-weight basis.

<sup>j</sup> Trimmed carcass weight, excluding slaughter fats.

<sup>k</sup> Including data for Luxembourg.

Table 72  
Fish Catch <sup>a</sup>  
Selected Years, 1950-61, and 1965 Plan

Country	Thousand Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup>	8,700*	10,100*	9,810*	9,760*	N.A.*	
US	2,596.8*	2,790.4*	2,708.7*	2,796.9*	N.A.*	
Sino-Soviet Bloc <sup>c</sup>	2,980	5,890	7,940*	N.A.	N.A.	
USSR	1,755.0*	2,737.1*	2,936.4*	3,541.2*	3,700.0*	4,600*
Communist China	912.0*	2,518.0*	4,060.0*	N.A.	N.A.	
North Korea	192.0*	313.0*	501.0*	465.0*	595.0*	1,100* <sup>d</sup>
North Vietnam	N.A.	94.0*	156.0*	177.0*	N.A.	
European Satellites	121	226	284*	344*	354*	
Albania	N.A.	2.6	4.1*	4.5*	5.5*	
Bulgaria	4.7*	4.5*	5.3*	7.9*	8.0*	
Czechoslovakia	N.A.	6.3*	8.1*	9.1*	9.0*	
East Germany	34.0*	69.0*	93.0*	114.4*	120.0*	
Hungary	4.5	9.5	13.0*	14.9*	15.3*	
Poland <sup>e</sup>	66.2	107.1*	126.7*	168.0*	171.0*	270*
Rumania	11.3*	27.5*	33.8*	25.0*	25.0*	
Cuba	9.8*	12.8*	21.9*	N.A.	N.A.	

Other NATO Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
Belgium	58.5*	63.7*	Iceland	373.3*	592.8*	Portugal <sup>i</sup>	307.4*	475.1*
Canada	1,047.7*	928.6*	Italy <sup>h</sup>	185.8*	212.2*	Turkey	110.0* <sup>k</sup>	N.A.*
Denmark <sup>f</sup>	251.2*	581.2*	Luxembourg	0.5*	0.3*	UK	988.6*	923.8*
France <sup>g</sup>	454.1*	596.3*	Netherlands	257.6*	314.7*	West Germany	552.7*	674.0*
Greece	52.0*	N.A.*	Norway <sup>l</sup>	1,466.3*	1,598.9*			

Other Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
India	826.6*	1,159.9*	Japan	3,086.0*	6,192.5*	Spain	598.0*	935.3*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data refer to live weight in NATO and other Free World countries and landed weight in the Sino-Soviet Bloc countries and include seaweed, crustaceans, and mollusks but unless otherwise indicated, not aquatic mammals.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Including aquatic mammals.

<sup>d</sup> Midpoint of the range of planned fish catch for 1967 of 1 million to 1.2 million metric tons.

<sup>e</sup> Sea fish catch.

<sup>f</sup> Excluding data for the Faroe Islands and Greenland.

<sup>g</sup> Including data for Algeria and Monaco.

<sup>h</sup> Including river fish, subsistence catch, and the estimated illegal catch.

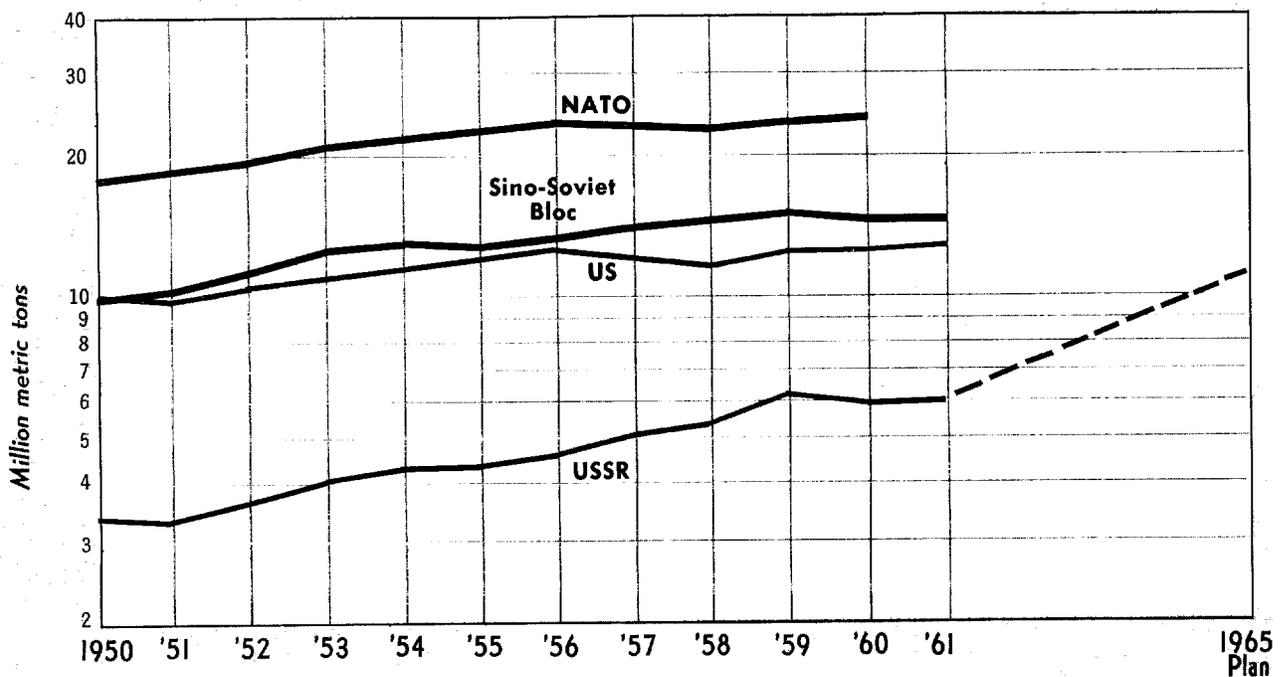
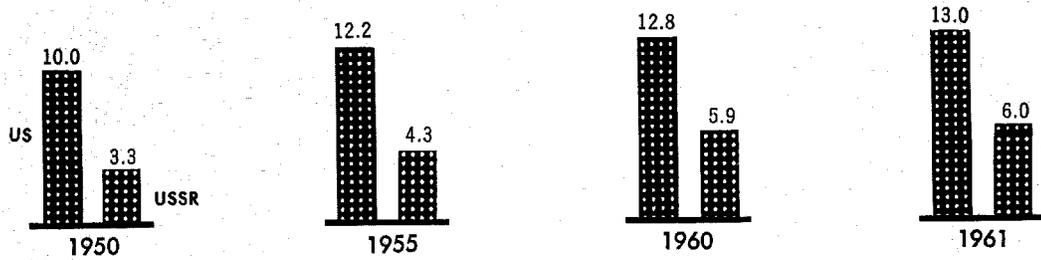
<sup>i</sup> Including data for Svalbard.

<sup>j</sup> Including data for the Azores and Madeira.

<sup>k</sup> Data are for 1951 and are included in the total for 1950.

# PRODUCTION OF MEAT IN SELECTED AREAS SELECTED YEARS, 1950-61, AND 1965 PLAN

Million metric tons



SECRET

GROUP 1  
EXCLUDED FROM AUTOMATIC DOWNGRADING  
AND DECLASSIFICATION

Table 73  
 Production of Milk <sup>a</sup>  
 Selected Years, 1950-61, and 1965 Plan

Country	Thousand Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup>	124,000*	136,000*	144,000*	147,000* <sup>c</sup>	150,000*	
US	53,343*	55,850*	56,806*	55,756*	56,427*	
Sino-Soviet Bloc	48,600	60,000	77,600	81,500	82,800	
USSR <sup>d</sup>	31,100	37,800	51,700	54,300	55,000	90,000 <sup>e</sup>
European Satellites	17,500*	22,200*	25,900*	27,200*	27,800*	
Albania	34*	34*	40*	34*	38*	
Bulgaria	282*	382*	594*	744*	802*	
Czechoslovakia	3,271*	3,521*	3,764*	3,830*	3,945*	
East Germany	2,877*	4,962*	5,656*	5,730*	5,700*	7,658
Hungary	1,445*	1,525*	1,949*	1,955*	1,850*	2,780 <sup>f</sup>
Poland	7,993*	9,903*	11,859*	12,488*	12,875*	15,707*
Rumania	1,592*	1,830*	2,006*	2,433*	2,555*	
Cuba	473* <sup>g</sup>	735*	740*	742*	N.A.	

Other NATO Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Belgium	3,230*	3,790*	Greece	147* <sup>h</sup>	388*	Norway	1,610*	1,789*
Canada	7,461*	9,072*	Italy	5,953*	10,131*	Turkey	1,315* <sup>h</sup>	N.A.*
Denmark	5,403*	5,436*	Luxembourg	162*	204*	UK	10,479*	13,023*
France	15,500*	22,680*	Netherlands	5,765*	7,137*	West Germany	14,060*	19,500*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data refer to whole milk from cows.

<sup>b</sup> Unless otherwise indicated, NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Excluding data for Turkey. (See footnote b, above.)

<sup>d</sup> To exclude milk produced by animals other than cows and to reduce the overestimation of production from privately owned cows, official data have been reduced by 12 percent.

<sup>e</sup> Midpoint of the range of estimated production for 1965 of 88 million to 92 million metric tons.

<sup>f</sup> Estimated plan for 1965.

<sup>g</sup> Data are an average for 1948-52.

<sup>h</sup> Data are an average for 1948-52 and are included in the total for 1950.

Table 74  
Production of Sugar \*  
Selected Years, 1950-61, and 1965 Plan

Country	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup> .....	7,940*	9,460*	10,300*	12,400*	N.A.*	
US <sup>c</sup> .....	3,091*	3,199*	3,247*	3,637*	4,100*	
Sino-Soviet Bloc.....	5,630	7,140	9,950*	12,200	13,900	
USSR.....	2,523*	3,419*	5,433*	6,363*	8,400*	9,625* <sup>d</sup>
Communist China <sup>e</sup> .....	242*	717*	900*	1,300	1,000	
North Vietnam.....	28	6	N.A.	14*	22*	
European Satellites.....	2,840*	3,000*	3,610*	4,480*	4,450*	
Albania.....	1*	8*	11*	12*	13*	
Bulgaria.....	41*	69*	164*	186*	254*	
Czechoslovakia.....	762*	716*	930*	952*	1,011*	
East Germany.....	680*	720*	810*	900*	650*	
Hungary.....	199*	276*	299*	484*	420*	
Poland.....	1,061*	1,066*	1,190*	1,511*	1,639*	1,630*
Rumania.....	97*	144*	209*	434*	464*	506*
Cuba <sup>e</sup> .....	5,558*	4,528*	5,784*	5,862*	6,768*	

Other NATO Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
Belgium.....	444*	507*	Italy.....	566* <sup>e</sup>	998*	Turkey.....	151* <sup>e</sup>	618*
Canada.....	147*	152*	Netherlands.....	443*	669*	UK.....	632*	860*
Denmark.....	371*	322*	Portugal <sup>e</sup> .....	8*	14*	West Germany...	928*	1,877*
France.....	1,157* <sup>e</sup>	2,728*						

Other Countries \*

Country	1950	1960	Country	1950	1960	Country	1950	1960
Australia.....	865*	1,367*	Dominican Re-			India.....	1,208*	2,808*
Brazil.....	1,401*	3,319*	public.....	490*	1,112*	Mexico.....	590*	1,518*
						Phillipines.....	621*	1,398*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data refer to beet sugar. Data are given in terms of the raw value of centrifugal sugar. Refined sugar is equal to approximately 90 percent of raw sugar by weight. Centrifugal, as distinguished from noncentrifugal, sugar includes cane and beet sugar produced by the centrifugal process and is the principal type of sugar moving in international trade.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." The data for NATO as presented above differ from data previously presented in the *Handbook*, inasmuch as the previous series was presented for crop years and this series is presented for calendar years.

<sup>c</sup> Including cane sugar.

<sup>d</sup> Midpoint of the range of planned production of sugar from sugar beets for 1965 of 9.25 million to 10.0 million metric tons. Before 1960, almost all sugar was produced from sugar beets.

<sup>e</sup> Data are an average for the crop years 1949/50 and 1950/51 and are included in the total for 1950.

<sup>f</sup> Data are for the Azores and Madeira only.

\* Cane sugar only.

Table 75  
 Production of Vegetable Oils <sup>a</sup> in the US and the Sino-Soviet Bloc  
 Selected Years, 1950-61, and 1965 Plan

Country	Thousand Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
US <sup>b</sup> . . . . .	2,456.1*	3,099.3*	3,471.6*	4,199.9*	4,258.6*	
Sino-Soviet Bloc . . . . .	<b>1,680</b>	<b>2,640</b>	<b>3,010</b>	<b>3,520</b>	<b>3,530</b>	
USSR . . . . .	818.9	1,168.3*	1,464.7*	1,585.5*	1,800.0	1,975.0* <sup>c</sup>
Communist China . . . . .	607.0*	1,165.0*	1,250.0*	1,500.0	1,275.0	
North Vietnam . . . . .	2.3 <sup>d</sup>	N.A.	3.4*	N.A.	N.A.	
European Satellites . . . . .	<b>253</b>	<b>306</b>	<b>292</b>	<b>436</b>	<b>451</b>	
Albania . . . . .	1.3*	3.2*	3.7*	3.2	3.8	
Bulgaria . . . . .	29.4*	48.5*	68.6*	78.1*	91.6*	
Czechoslovakia . . . . .	13.0	12.0	13.1 <sup>e</sup>	14.7 <sup>e</sup>	22.4 <sup>e</sup>	
East Germany . . . . .	57.2	72.2	44.0	63.0	53.0	
Hungary . . . . .	54.5	50.7	29.5	30.4	30.1	
Poland <sup>f</sup> . . . . .	37.6*	52.7*	64.6*	102.0*	120.3*	155.0*
Rumania . . . . .	60.0	66.8	68.9	144.4	130.0	

\* An asterisk indicates that the data are unclassified.  
<sup>a</sup> Unless otherwise indicated, data refer to production of edible oils from indigenous raw materials.  
<sup>b</sup> Including castor, coconut, corn, cottonseed, linseed, peanut, soybean, and tung oils.  
<sup>c</sup> Planned production from state resources of raw materials for 1965. In 1958 this production was 84 percent of the total production.  
<sup>d</sup> Including peanut, cottonseed, sesame, and castor oils.  
<sup>e</sup> Extracted from rape seed.  
<sup>f</sup> Including edible oils produced from imported raw materials.

Table 76  
Daily Availability of Food Per Capita <sup>a</sup>  
1959/60 <sup>b</sup>

Country	Amount
NATO.....	2,350 to 3,340*
US <sup>c</sup> .....	3,130*
Other NATO Countries	
Belgium <sup>d</sup> .....	2,930*
Canada.....	3,150*
Denmark.....	3,340*
France.....	2,940*
Greece <sup>e</sup> .....	2,900*
Italy.....	2,710*
Netherlands.....	2,970*
Norway.....	2,980*
Portugal <sup>e</sup> .....	2,350*
Turkey <sup>e</sup> .....	2,830*
UK.....	3,290*
West Germany.....	2,890*
Sino-Soviet Bloc.....	1,300 to 3,200
USSR.....	3,200
Communist China.....	1,300 to 1,750
European Satellites.....	2,100 to 3,200
Albania.....	2,100
Bulgaria <sup>f</sup> .....	3,000
Czechoslovakia.....	3,040
East Germany.....	3,000
Hungary.....	2,750
Poland.....	3,200
Rumania.....	3,000
Cuba <sup>g</sup> .....	2,870

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Daily caloric availability of food should be considered as a rough approximation because of the lack of information on the utilization of food by most countries.

<sup>b</sup> Unless otherwise indicated. Sino-Soviet Bloc data are for 1960/61, unless otherwise indicated.

<sup>c</sup> Data are for the calendar year.

<sup>d</sup> Including data for Luxembourg.

<sup>e</sup> Data are for 1957/58-1958/59.

<sup>f</sup> Data are for 1959/60.

<sup>g</sup> Data are for 1958.

Table 77  
 Production of Industrial Wood <sup>a</sup>  
 Selected Years, 1950-61, and 1965 Plan

Country	Million Cubic Meters					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup> .....	357*	416*	383*	426*	N.A.*	
US.....	231.0*	267.6*	242.5*	268.6*	N.A.*	
Sino-Soviet Bloc.....	211*	285*	338*	N.A.	N.A.	
USSR.....	161.0*	212.1*	250.9*	261.4*	250.0*	331.0*
Communist China <sup>c</sup> .....	6.6*	20.9*	35.0*	N.A.	N.A.	
North Korea.....	1.4* <sup>d</sup>	2.4*	3.2*	3.6*	N.A.	
North Vietnam.....	0.1*	0.4*	0.5*	0.7*	0.8*	
European Satellites.....	41.5*	48.9*	48.6*	49.9*	51.1*	
Albania.....	0.2*	0.4*	0.4*	0.5*	0.6*	
Bulgaria.....	2.3*	3.0*	2.9*	3.9*	4.0*	
Czechoslovakia.....	8.5*	11.2*	11.5*	10.9*	11.2*	
East Germany.....	9.5*	8.3*	7.5*	7.2*	7.4*	
Hungary.....	0.9*	1.0*	1.2*	1.6*	1.7*	
Poland.....	11.3*	15.9*	14.5* <sup>e</sup>	13.8* <sup>o</sup>	13.9* <sup>e</sup>	13.0*
Rumania.....	8.8*	9.1*	10.6*	12.0*	12.3*	
Cuba.....	0.3*	0.2*	0.2* <sup>f</sup>	N.A.	N.A.	

Other NATO Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
Belgium.....	1.9*	2.0*	Italy.....	4.1* <sup>g h</sup>	4.6*	Portugal <sup>k</sup> .....	0.9*	2.8*
Canada.....	74.0*	89.8*	Luxembourg <sup>c</sup> .....	0.1*	0.1*	Turkey.....	0.8*	2.0*
Denmark <sup>e</sup> .....	1.1*	1.3*	Netherlands.....	0.4*	0.6*	UK.....	3.0*	2.9*
France.....	10.4*	22.0*	Norway <sup>i</sup> .....	6.4*	7.2* <sup>j</sup>	West Germany <sup>e</sup> .....	22.3*	22.2*
Greece.....	0.2*	0.3*						

Other Countries

Country	1950	1960	Country	1950	1960
Japan <sup>g</sup> .....	23.8*	51.8*	Sweden <sup>i</sup> .....	24.3*	40.9*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Industrial wood is that wood which is not destined to be burned as fuel. This category includes such primary wood products as saw logs, pit props, and pulpwood and such finished wood products as sawn wood, plywood, and veneers. Unless otherwise indicated, data are for the calendar year.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Excluding data for Tibet.

<sup>d</sup> Including only industrial wood processed by cooperative (state) enterprises.

<sup>e</sup> Data are for years ending 30 September.

<sup>f</sup> Data are for 1957.

<sup>g</sup> Data are for years ending 31 March.

<sup>h</sup> Excluding removals from trees outside the forests.

<sup>i</sup> Excluding rural consumption.

<sup>j</sup> Data are for years ending 30 June.

<sup>k</sup> Excluding data for the Azores and Madeira.

Table 78  
Production of Cotton Yarn <sup>a</sup>  
Selected Years, 1950-61

Thousand Metric Tons

Country	1950	1955	1958	1960	1961
NATO <sup>b</sup> .....	<b>3,330*</b>	<b>3,200*</b>	<b>3,010*</b>	<b>3,220*</b>	<b>3,090*</b>
US.....	1,823.0*	1,711.0*	1,533.0*	1,644.0*	1,560.0*
Sino-Soviet Bloc.....	<b>1,290</b>	<b>2,140*</b>	<b>2,620*</b>	<b>N.A.</b>	<b>N.A.</b>
USSR.....	662.5*	1,038.0*	1,062.8*	1,169.0*	N.A.
Communist China.....	437.0*	720.0*	1,107.0*	N.A.	N.A.
North Korea.....	N.A.	6.7*	16.9*	N.A.	N.A.
North Vietnam.....	N.A.	0.2*	8.8*	10.4*	11.5
European Satellites.....	<b>194</b>	<b>378*</b>	<b>423*</b>	<b>482*</b>	<b>N.A.</b>
Bulgaria.....	16.4*	30.2*	36.3*	49.0*	49.6*
Czechoslovakia.....	N.A.	76.2*	94.5*	102.2*	108.0*
East Germany.....	24.0*	63.1*	64.2*	72.6*	N.A.
Hungary.....	32.8*	47.2*	46.4*	52.8*	56.6*
Poland.....	92.1*	115.3*	134.6*	153.0*	164.5*
Rumania.....	29.2*	45.6*	47.1*	52.0*	58.0*

Other NATO Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Belgium <sup>e</sup> .....	104.3*	104.6*	Greece.....	19.8*	27.0*	Portugal <sup>f</sup> .....	35.6*	56.3*
Canada <sup>d</sup> .....	92.8*	66.0*	Italy <sup>f</sup> .....	188.1*	195.3*	Turkey <sup>f</sup> .....	30.2*	28.1* <sup>g</sup>
Denmark.....	8.7*	N.A.*	Netherlands.....	60.3*	76.3*	UK <sup>d</sup> .....	432.5*	251.2*
France <sup>e</sup> .....	251.2*	314.4*	Norway <sup>f</sup> .....	3.7*	3.0*	West Germany.....	282.4*	403.7* <sup>g</sup>

Other Countries

Country	1950	1961	Country	1950	1961
India.....	537.0*	862.0*	Japan.....	238.3*	553.8*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data refer to cotton yarn and may include mixed yarn.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Including data for Luxembourg.

<sup>d</sup> Excluding mixed yarn but including tire-cord yarn.

<sup>e</sup> Including tire-cord yarn.

<sup>f</sup> Excluding mixed yarn.

<sup>g</sup> Government production only.

Table 79  
Production of Woolen Yarn in NATO, the USSR, and Communist China <sup>a</sup>  
Selected Years, 1950-61

Country	Thousand Metric Tons				
	1950	1955	1958	1960	1961
NATO <sup>b</sup> .....	1,070*	1,050*	1,010*	1,140*	1,100*
US.....	367.0*	318.0*	294.0*	313.7*	303.3*
USSR.....	101.6*	167.5*	201.4*	221.3*	N.A.
Communist China.....	1.2*	3.7*	8.3* <sup>c</sup>	N.A.	N.A.

Other NATO Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Belgium <sup>d</sup> .....	39.9*	53.4*	Greece.....	6.2*	8.2*	Portugal.....	5.4*	6.9*
Canada.....	28.1*	N.A.*	Italy.....	96.7*	195.7*	Turkey.....	7.4*	3.8* <sup>e</sup>
Denmark.....	9.7*	N.A.*	Netherlands.....	27.8*	23.8*	UK.....	252.0*	239.4*
France.....	126.9*	147.4*	Norway.....	8.6*	7.7*	West Germany..	93.6*	113.8*

Other Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Australia <sup>f</sup> .....	22.3*	18.9*	Japan.....	32.5*	143.8*	Yugoslavia.....	13.1*	19.7*
India.....	N.A.*	14.8*						

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data refer to production of yarns in the wool industry.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Plan data.

<sup>d</sup> Including data for Luxembourg.

<sup>e</sup> Government production only.

<sup>f</sup> Data are for the year beginning 1 July of the previous year.

RAYON YARN AND SYNTHETIC FIBERS  
LEATHER FOOTWEAR

SECRET

MANUFACTURED ITEMS

Table 80

Production of Rayon Yarn and Synthetic Fibers <sup>a</sup> in the US and the USSR  
Selected Years, 1950-61, and 1965 Plan

Country	Thousand Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
US <sup>b</sup> .....	626.9*	717.7*	657.9*	746.5*	809.6*	
USSR.....	24.2*	110.5*	166.0*	211.0*	250.0*	666*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data refer to rayon yarn and staple and synthetic fibers.

<sup>b</sup> Beginning in 1955, excluding data for acetate staple and tow.

Table 81

Production of Leather Footwear <sup>a</sup> in the US and the USSR  
Selected Years, 1950-61, and 1965 Plan

Country	Million Pairs					
	1950	1955	1958	1960	1961	1965 Plan
US.....	464.5*	517.3*	516.5*	523.9*	526.2*	
USSR.....	203.0*	271.2*	356.4*	419.3*	442.4*	515*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data refer to footwear with leather or mainly leather uppers but exclude slippers and rubber footwear.

Table 82  
Production of Sulfuric Acid \*  
Selected Years, 1950-61, and 1965 Plan

Country	Thousand Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup> .....	20,000*	25,900*	27,300*	30,900*	N.A.*	
US <sup>c</sup> .....	11,820*	14,746*	14,470*	16,223*	16,197*	
Sino-Soviet Bloc.....	3,280	5,880*	7,820*	9,510*	N.A.	
USSR.....	2,125*	3,798*	4,803*	5,398*	5,727*	11,000* <sup>d</sup>
Communist China.....	49*	375*	740*	1,360*	N.A.	
North Korea.....	165	28*	234*	255*	274*	650* <sup>e</sup>
European Satellites.....	937	1,680*	2,040*	2,500*	2,850*	
Albania.....	0*	0*	0*	0*	0*	70*
Bulgaria.....	0*	19*	64*	123*	192*	500*
Czechoslovakia.....	252*	383*	463*	553*	599*	1,000*
East Germany.....	280	592*	650*	730*	818*	1,231*
Hungary <sup>f</sup> .....	68*	144*	148*	178*	200*	400* <sup>g</sup>
Poland.....	285*	450*	572*	685*	794*	1,325*
Rumania.....	52*	92*	144*	226*	248*	734*

Other NATO Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
Belgium.....	880*	1,403*	Greece.....	41*	135*	Portugal.....	142*	329*
Canada.....	686*	1,500*	Italy.....	1,276*	2,267*	Turkey.....	11*	20*
Denmark.....	170*	199*	Netherlands.....	437*	842*	UK.....	1,832*	2,745*
France.....	1,215*	1,983*	Norway.....	69*	100*	West Germany... 1,446*		3,170*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data refer to production expressed in terms of pure (monohydrate) sulfuric acid (100 percent H<sub>2</sub>SO<sub>4</sub>).

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Beginning in 1955, data include appreciable amounts produced in government-owned privately operated plants and are not strictly comparable with earlier data.

<sup>d</sup> Estimated plan for 1965.

<sup>e</sup> Plan data for 1967.

<sup>f</sup> Unless otherwise indicated, including oleum.

<sup>g</sup> Excluding oleum.

Table 83  
 Production of Nitric Acid in the US and the Sino-Soviet Bloc  
 Selected Years, 1950-61, and 1965 Plan

Country	Thousand Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
US.....	1,212*	2,351*	2,453*	3,009*	3,065*	
Sino-Soviet Bloc.....	N.A.	2,380	3,580	N.A.	N.A.	
USSR.....	892	1,498	1,925	2,150	2,410	3,860 <sup>a</sup>
Communist China.....	9	70	314	N.A.	N.A.	
North Korea.....	14	0	63	80	90	
European Satellites.....	N.A.	815	1,280	1,630	1,720*	
Albania.....	0*	0*	0*	0*	0*	56* <sup>b</sup>
Bulgaria.....	0*	73*	104*	194*	203*	
Czechoslovakia.....	N.A.*	114*	239*	318*	327*	
East Germany.....	184	276	352	361 <sup>c</sup>	362	533
Hungary.....	38*	38*	86*	146*	172*	
Poland.....	104*	304*	472*	555*	579*	
Rumania.....	Negl.*	10*	26*	53*	74*	

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Estimated production for 1965.

<sup>b</sup> Estimated plan for 1965.

<sup>c</sup> Plan data.

# PRODUCTION OF SULFURIC ACID IN SELECTED AREAS SELECTED YEARS, 1950-61, AND 1965 PLAN

*Million metric tons*

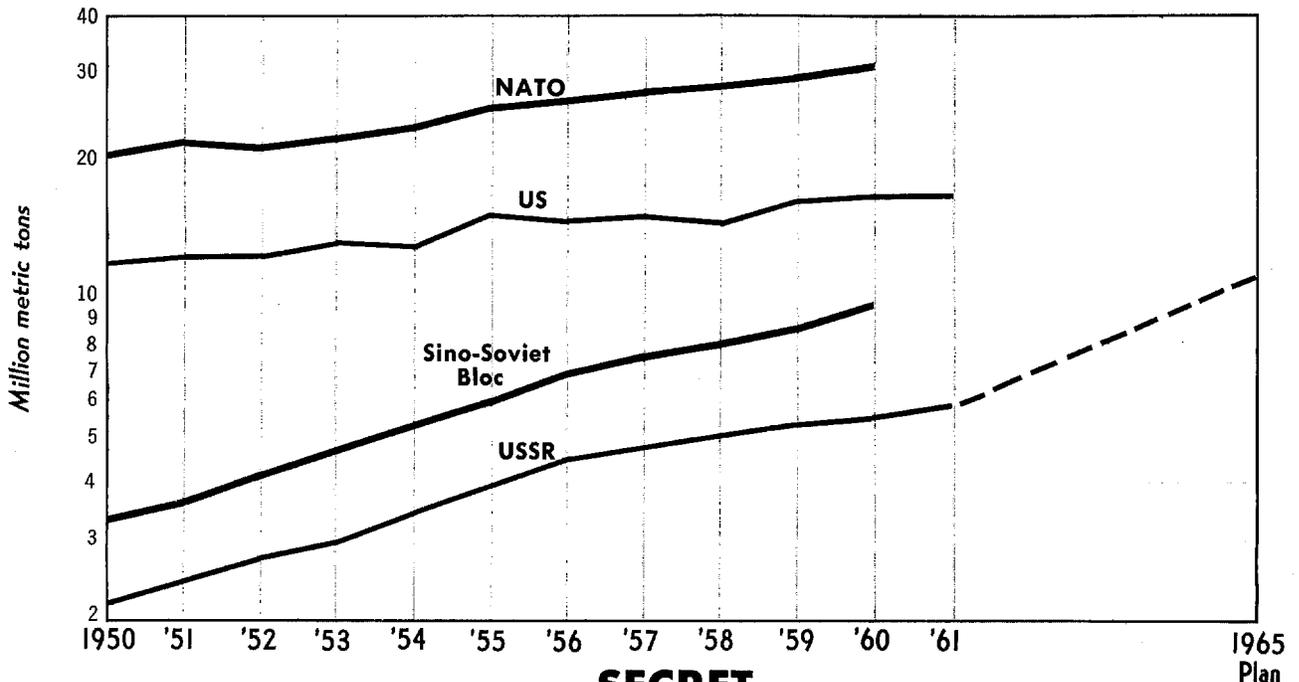
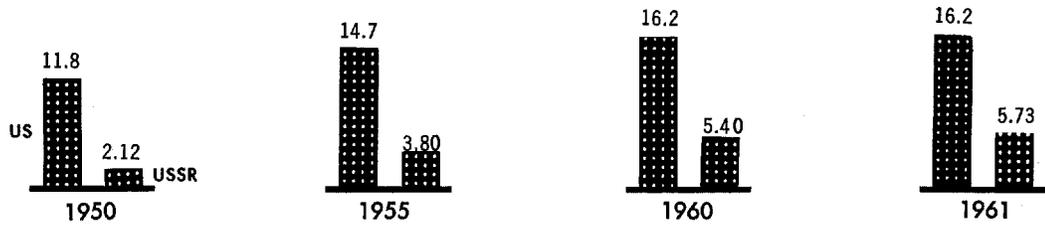


Table 84  
Production of Synthetic Ammonia \*  
Selected Years, 1950-61, and 1965 Plan

Country	Thousand Metric Tons of Nitrogen					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup> .....	2,880*	4,650* <sup>o</sup>	6,000* <sup>d</sup>	7,300*	N.A.*	
US <sup>o</sup> .....	1,170*	2,363*	2,894*	3,589*	3,869*	
Sino-Soviet Bloc.....	747	1,270	1,890	N.A.	N.A.	
USSR.....	368	619	795	888	995	1,990 <sup>f</sup>
Communist China.....	13	69	195	N.A.	N.A.	
North Korea.....	46	6	102*	114	124	
European Satellites.....	320*	576*	802*	1,010*	1,120*	
Albania.....	0*	0*	0*	0*	0*	26* <sup>f</sup>
Bulgaria.....	0*	41*	58*	110*	115*	
Czechoslovakia.....	16*	41*	94*	131*	135*	
East Germany.....	242*	335*	365*	392*	395*	
Hungary.....	17*	18*	42*	67*	80*	
Poland.....	45*	137*	232*	284*	367*	560*
Rumania.....	Neql.*	4*	11*	23*	33*	

Other NATO Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
Belgium.....	156*	319*	Netherlands.....	190*	410*	UK.....	458*	N.A.*
France.....	246*	724*	Norway.....	118*	300*	West Germany...	403*	1,242*
Italy.....	143*	672*	Portugal.....	N.A.*	39*			

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data refer to synthetic ammonia as stated in terms of nitrogen content. To convert to actual production of synthetic ammonia, multiply by 1.2158.

<sup>b</sup> Unless otherwise indicated, NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>o</sup> Excluding data for Portugal and the UK. (See footnote b, above.)

<sup>d</sup> Excluding data for the UK. (See footnote b, above.)

<sup>e</sup> Synthetic anhydrous (commercial grade).

<sup>f</sup> Estimated plan for 1965.

Table 85  
Production of Soda Ash \*  
Selected Years, 1950-61, and 1965 Plan

Country	Thousand Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup> .....	5,450*	6,840* <sup>c</sup>	6,270*	7,010*	N.A.*	
US <sup>d</sup> .....	3,621*	4,452*	3,923*	4,135*	4,097*	
Sino-Soviet Bloc.....	1,280*	2,720*	3,450*	4,280	N.A.	
USSR <sup>e</sup> .....	749*	1,437*	1,608*	2,010*	2,250*	3,500*
Communist China.....	160*	405*	640*	800*	N.A.	
North Korea.....	N.A.	0*	14*	16	25	113* <sup>f</sup>
European Satellites.....	366*	879*	1,180*	1,460*	1,560*	
Bulgaria.....	0*	70*	99*	128*	123*	228*
Czechoslovakia.....	86*	94*	89*	74*	74*	105
East Germany.....	103*	458*	553*	594*	599*	
Poland.....	139*	207*	362*	481*	526*	725*
Rumania.....	38*	50*	82*	180*	238*	320*

Other NATO Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
Belgium.....	N.A.*	180*	Netherlands.....	N.A.*	110*	Portugal.....	13*	36*
France.....	717*	848*	Norway.....	10*	22*	UK.....	735*	1,117*
Italy.....	351*	565*						

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data refer to the total production of soda ash (sodium carbonate - Na<sub>2</sub>CO<sub>3</sub>), excluding, as far as possible, natural sodium carbonate and sodium bicarbonate but including tonnage not commercialized but used on the spot for processing. Data on production for the USSR and Communist China include natural sodium carbonate.

<sup>b</sup> Unless otherwise indicated, NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Excluding data for the Netherlands. (See footnote b, above.)

<sup>d</sup> 58 percent Na<sub>2</sub>O. Excluding production of electrolytic soda ash and natural soda ash.

<sup>e</sup> 95 percent basis.

<sup>f</sup> Plan data for 1967.

## PRODUCTION OF SYNTHETIC AMMONIA<sup>†</sup> IN SELECTED AREAS SELECTED YEARS, 1950-61, AND 1965 PLAN

*Thousand metric tons*

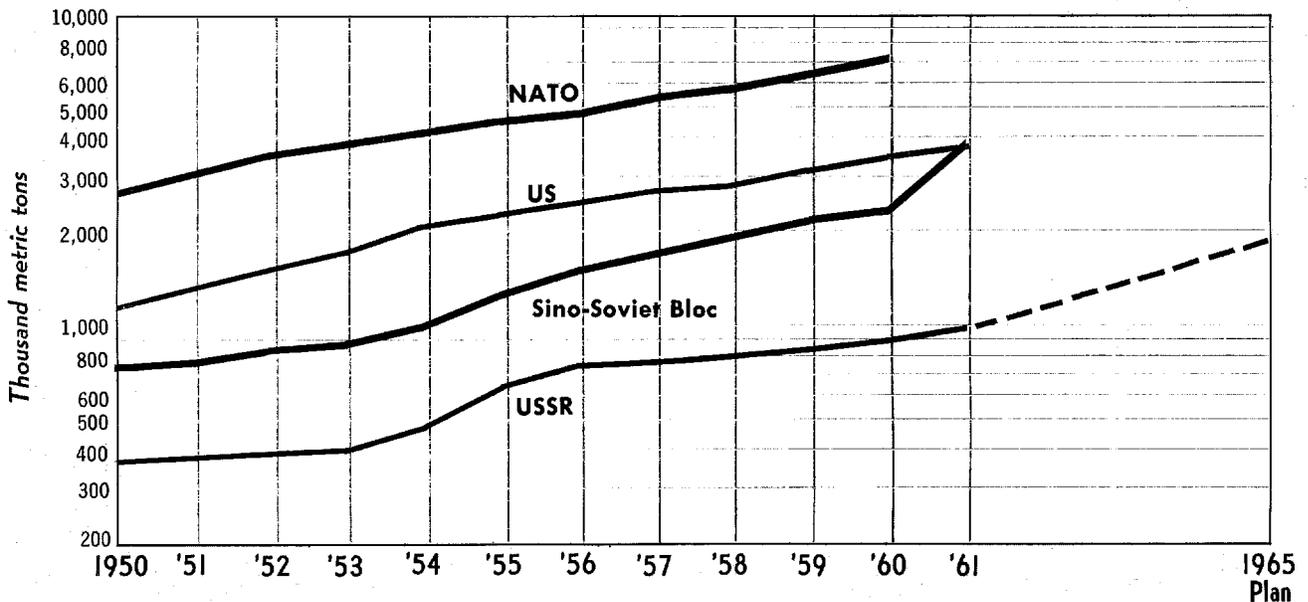
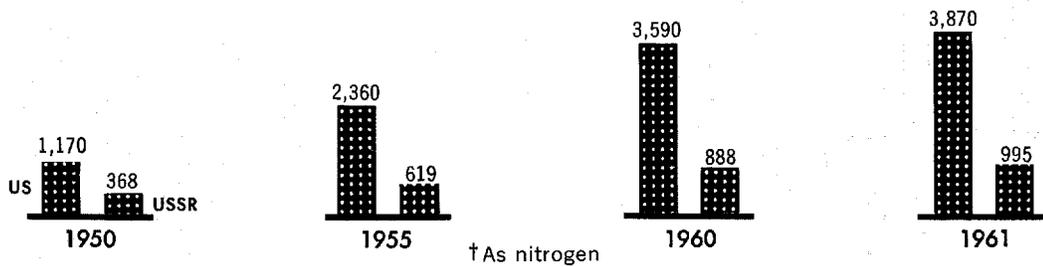


Table 86  
Production of Caustic Soda <sup>a</sup>  
Selected Years, 1950-61, and 1965 Plan

Country	Thousand Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup>	3,260*	5,090*	5,480* <sup>o</sup>	6,710*	N.A.*	
US	2,278*	3,552*	3,623*	4,462*	4,444*	
Sino-Soviet Bloc	642*	1,180*	1,600*	2,060*	N.A.	
USSR <sup>d</sup>	325*	563*	710*	866*	956*	1,420* <sup>e</sup>
Communist China	23*	137*	270*	450*	N.A.	
North Korea	9*	3*	14*	25*	26*	100* <sup>f</sup>
European Satellites	285*	474*	606*	716*	798*	
Bulgaria	Negl.*	2*	14*	17*	18*	29*
Czechoslovakia	49*	82*	93*	115*	115*	185
East Germany	150*	257*	296*	327*	335*	
Hungary	9*	12*	17*	17*	19*	36*
Poland	62*	98*	145*	166*	178*	273*
Rumania	15*	23*	41*	74*	133*	180*

Other NATO Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
Belgium	N.A.*	52*	Greece	1*	1*	Portugal	7*	23*
Canada	138*	341*	Italy	160*	403*	Turkey	1*	1*
Denmark	1*	4*	Norway	17*	46*	West Germany	336*	776*
France	321*	597*						

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data refer to 100 percent caustic soda (NaOH) and include tonnage not commercialized but used on the spot for processing.

<sup>b</sup> Unless otherwise indicated, NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>o</sup> Including data for the Netherlands. (See footnote b, above.)

<sup>d</sup> 92 percent basis.

<sup>e</sup> Estimated production for 1965.

<sup>f</sup> Plan data for 1967.

Table 87  
Production of Chlorine <sup>a</sup>  
Selected Years, 1950-61, and 1965 Plan

Country	Thousand Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup>	2,270*	3,860*	4,280*	5,540*	N.A.*	
US	1,891*	3,104*	3,270*	4,177*	4,176*	
Sino-Soviet Bloc	394	685	925	N.A.	N.A.	
USSR	187	322	450	600	680	1,200 <sup>c</sup>
Communist China	7	69	110	N.A.	N.A.	
North Korea	8	3	13	22	23	88 <sup>d</sup>
European Satellites	192	291	352	452	497	
Bulgaria	Negl.	Negl.	Negl.	Negl.	Negl.	8*
Czechoslovakia	34*	58*	67*	88*	88*	145
East Germany	142	211*	219	265*	279*	
Hungary	7*	10*	15*	15*	16*	31*
Poland	5*	8*	37*	55*	67*	161*
Rumania	4	4	14	29	47	62

Other NATO Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
Belgium	N.A.*	46*	Italy	61*	287*	Portugal	Negl.*	1*
Denmark	Negl.*	4*	Norway	14*	40*	West Germany	219*	658*
France	82*	331*						

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data refer to the total production of gas, including quantities later liquefied for use, shipment, or storage.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Estimated plan for 1965.

<sup>d</sup> Estimated plan for 1967.

Table 88  
Production of Calcium Carbide <sup>a</sup>  
Selected Years, 1950-61, and 1965 Plan

Country	Thousand Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup> .....	1,760*	2,400*	2,780*	3,210*	N.A.*	
US.....	610*	794*	819*	992*	N.A.*	
Sino-Soviet Bloc.....	1,190	1,630	2,000	N.A.	N.A.	
USSR.....	233	410	515	585	620	
Communist China.....	6	30	87	N.A.	N.A.	
North Korea.....	94*	67*	150*	126*	141*	530* °
European Satellites.....	860*	1,130*	1,250*	1,440*	1,510*	
Bulgaria.....	3*	9*	15*	18*	18*	
Czechoslovakia.....	56*	76*	90*	104*	112*	140
East Germany.....	606*	793*	831*	923*	951*	1,180*
Hungary.....	10*	13*	13*	13*	13*	
Poland.....	172*	211*	252*	321*	360*	450*
Rumania.....	13*	24*	48*	57*	60*	125*

Other NATO Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
Belgium.....	N.A.*	49*	Netherlands.....	N.A.*	54*	UK.....	110*	216*
France.....	176*	448*	Norway <sup>d</sup> .....	27*	51*	West Germany...	634*	1,101*
Italy.....	195*	290*	Portugal.....	4*	5*			

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data refer to commercial grade calcium carbide (CaC<sub>2</sub>).

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

° Plan data for 1967.

<sup>d</sup> Excluding calcium carbide used for production of cyanamide.

Table 89  
 Production of Refined Benzol in the US and the Sino-Soviet Bloc  
 Selected Years, 1950-61, and 1965 Plan

Country	Thousand Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
US.....	882.3* <sup>a</sup>	1,020.9*	953.5*	1,518.5*	1,690*	
Sino-Soviet Bloc.....	<b>329</b>	<b>527</b>	<b>612</b>	N.A.	N.A.	
USSR.....	224.0	347.0	401.0	505.0	566.0	900.0 <sup>b</sup>
Communist China.....	8.0	36.0	50.0	N.A.	N.A.	
European Satellites.....	<b>96.6</b>	<b>144</b>	<b>161</b>	<b>178</b>	<b>185</b>	
Bulgaria.....	0.1*	0.1*	0.1*	0.1*	0.1*	6.0*
Czechoslovakia.....	40.5*	52.5*	55.3*	63.5*	64.6*	
East Germany.....	8.5	11.9	11.4	11.9	12.0	56.0* <sup>b</sup>
Hungary.....	0.5*	0.4*	2.4*	3.0*	3.0*	
Poland.....	46.4	77.5	86.8	93.0	97.3	
Rumania.....	0.6*	1.2*	4.6*	6.7*	7.7*	

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data are for 1951.

<sup>b</sup> Estimated production for 1965.

Table 90  
 Production of Mineral Fertilizers <sup>a</sup>  
 Selected Years, 1950-61, and 1965 Plan

Country	Thousand Metric Tons <sup>b</sup>					
	1950	1955	1958	1960	1961	1965 Plan <sup>c</sup>
NATO <sup>d</sup> .....	9,500*	14,000*	15,900*	18,100*	N.A.*	
US.....	3,977*	5,704*	6,235*	7,435*	N.A.*	
Sino-Soviet Bloc.....	3,100	4,740	6,050	N.A.	N.A.	
USSR.....	1,235*	2,294*	2,948	3,294	3,725	8,335
Communist China.....	15	85	266	N.A.	N.A.	
North Korea.....	56	17	94	114	132	
European Satellites.....	1,800*	2,350*	2,740*	3,140*	3,290*	
Albania.....	0*	0*	0*	0*	0*	54*
Bulgaria.....	0*	31*	56*	125*	144*	381*
Czechoslovakia.....	96*	159*	225*	287*	312*	585*
East Germany.....	1,498*	1,821*	1,984*	2,080*	2,102*	2,798*
Hungary.....	40*	41*	69*	102*	127*	277*
Poland.....	160*	286*	382*	477*	517*	864*
Rumania.....	1*	11*	29*	71*	86*	500*

Other NATO Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
Belgium.....	394*	649*	Iceland.....	N.A.*	6*	Portugal.....	45*	117*
Canada.....	259*	403*	Italy.....	412*	1,042*	Saar.....	49*	N.A.* <sup>e</sup>
Denmark.....	78*	88*	Luxembourg.....	71*	121*	Turkey.....	3*	13*
France.....	1,539*	2,821*	Netherlands.....	284*	606*	UK.....	617*	784*
Greece.....	25*	54*	Norway.....	164*	299*	West Germany...	1,580*	3,684*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Including, where produced, nitrogen fertilizers (in terms of nitrogen), phosphorous fertilizers (in terms of phosphoric anhydride), and potassium fertilizers (in terms of potassium oxide).

<sup>b</sup> Tonnages refer to the nutrients expressed as nitrogen, phosphoric anhydride, and potassium oxide.

<sup>c</sup> Estimated plan for 1965.

<sup>d</sup> NATO totals include only data for the US and those NATO countries listed under "Other NATO Countries." The years for the NATO data are "fertilizer years"—that is, in general, the year ending 30 June.

<sup>e</sup> Data for the Saar are presumed to be included with West Germany.

RUBBER TIRES

Table 91  
Production of Plastics \* in the US and the USSR  
Selected Years, 1950-61, and 1965 Plan

Country	Thousand Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
US.....	975*	1,696*	2,049*	2,786*	2,865*	
USSR.....	73*	181*	260*	332*	405	1,200 <sup>b</sup>

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data for plastics for the two countries are not strictly comparable. The Soviet statistics include "asphalt-pitch plastics," which are prepared from natural asphalt and asphalt obtained as a residue of the distillations of such products as petroleum and shale. In 1961, asphalt-pitch plastics accounted for approximately 10 to 15 percent of the Soviet production of plastics. The US data excludes asphalt-pitch plastics.

<sup>b</sup> Estimated plan for 1965.

Table 92  
Production of Rubber Tires \* in the US and the Sino-Soviet Bloc  
Selected Years, 1950-61, and 1965 Plan

Country	Thousand Units					
	1950	1955	1958	1960	1961	1965 Plan
US <sup>b</sup> .....	92,754*	112,178*	96,563*	119,843*	116,736*	
Sino-Soviet Bloc.....	<b>9,280</b>	<b>13,900</b>	<b>20,800</b>	<b>N.A.</b>	<b>N.A.</b>	
USSR.....	7,401*	10,190*	14,395*	17,200*	19,000*	29,000* <sup>c</sup>
Communist China.....	67	593*	1,500	N.A.	N.A.	
European Satellites.....	<b>1,810</b>	<b>3,080</b>	<b>4,930</b>	<b>6,190</b>	<b>6,940</b>	
Bulgaria.....	38*	72*	133*	172* <sup>d</sup>	254* <sup>d</sup>	
Czechoslovakia <sup>d</sup> .....	968* <sup>e</sup>	899* <sup>f</sup>	1,260* <sup>f</sup>	1,324* <sup>f</sup>	1,441* <sup>f</sup>	1,828* <sup>e</sup>
East Germany *.....	394	1,225	1,625*	2,250	2,430* <sup>h</sup>	
Hungary.....	114*	281*	441*	478*	525*	625* <sup>b</sup>
Poland.....	215	425*	1,205	1,617*	1,926*	2,500*
Rumania *.....	81*	180*	270*	352*	368* <sup>e</sup>	1,100*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data refer to motor vehicle tires and exclude aircraft and bicycle tires.

<sup>b</sup> Including truck, bus, and automobile tires.

<sup>c</sup> Estimated plan for 1965.

<sup>d</sup> Excluding motorcycle tires.

<sup>e</sup> Including truck and automobile tires.

<sup>f</sup> Including truck, tractor, and automobile tires.

<sup>g</sup> Including aircraft tires.

<sup>h</sup> Plan data that may include solid rubber tires and tires for carts and animal-drawn wagons.

Table 93  
Production of Synthetic Rubber  
Selected Years, 1950-61, and 1965 Plan

Country	Thousand Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>a</sup> .....	543*	1,100*	1,260*	1,880*	1,910*	
US.....	483.8*	986.0*	1,071.5*	1,459.5*	1,424.4*	
Sino-Soviet Bloc.....	183	313	378*	457	520	
USSR.....	144	240	293	350	400	600 <sup>b</sup>
European Satellites.....	39.4	72.8	84.7*	107	120	
Bulgaria.....	0*	0*	0*	0*	0*	30.0*
Czechoslovakia.....	0.4	0.6	0.9*	1.0	1.0	55.0*
East Germany.....	39.0	72.2* <sup>o</sup>	83.8*	85.5*	88.1*	105.0*
Poland.....	0*	0*	0*	20.2*	31.0*	45.0*
Rumania.....	0*	0*	0*	0*	0*	50.0*

Other NATO Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Canada.....	59.4*	167.1*	Italy.....	Negl.*	88.4*	West Germany...	Negl.*	87.0*
France.....	Negl.*	40.9*	UK.....	Negl.*	106.8*			

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>b</sup> Estimated production for 1965.

<sup>o</sup> Including Pervinan and Plastikator.

Table 94  
Production of Electric Motors <sup>a</sup> in Selected Countries of the Sino-Soviet Bloc  
Selected Years, 1950-61, and 1965 Plan

Country	Thousand Kilowatts					
	1950	1955	1958	1960	1961	1965 Plan
USSR <sup>b</sup> .....	6,780*	8,819*	13,691*	17,597*	22,300*	33,000*
Communist China.....	199*	607*	6,052*	N.A.	N.A.	
North Korea.....	N.A.	N.A.	222*	506*	541*	1,873* <sup>o</sup>
Bulgaria.....	65*	114*	467*	911*	1,375*	
Czechoslovakia <sup>b</sup> .....	1,327*	1,180*	2,371*	2,950*	3,450*	
Poland.....	395*	1,235*	1,673*	2,347*	2,850*	5,327*
Rumania.....	94*	147*	374*	553*	702*	

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data refer to production of all sizes of motors and, unless otherwise indicated, include alternating and direct current.

<sup>b</sup> Alternating current only.

<sup>o</sup> Plan data for 1967.

ELECTRIC GENERATORS  
TURBINES

SECRET

UNCLASSIFIED

Table 95

Production of Electric Generators \* in the US and Selected Countries of the Sino-Soviet Bloc  
Selected Years, 1950-61, and 1965 Plan

Country	Thousand Kilowatts					
	1950	1955	1958	1960	1961	1965 Plan
US <sup>b</sup> . . . . .	6,788*	10,584*	17,833*	12,899*	13,207*	
USSR <sup>c</sup> . . . . .	934*	4,526*	5,186*	7,915*	9,400*	18,000*
Communist China <sup>d</sup> . . . . .	23*	108	800* <sup>e</sup>	N.A.	N.A.	
North Korea . . . . .	0*	Negl.*	5*	14*	N.A.	486* <sup>e</sup>
Bulgaria . . . . .	0*	10*	0*	32*	N.A.	
Czechoslovakia <sup>d</sup> . . . . .	506*	1,179*	1,164*	1,691*	N.A.	
Hungary <sup>e</sup> . . . . .	230	225	200*	240*	290*	
Poland . . . . .	0*	10	140	200*	200*	600*
Rumania . . . . .	13*	46*	47*	70*	105*	

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data refer to production of all sizes of alternating and direct current turbogenerators, hydrogenerators, and diesel generators. Production of diesel generators in most instances is believed to be negligible.

<sup>b</sup> Units of 4,000 kilowatts and larger.

<sup>c</sup> Turbogenerators and hydrogenerators only.

<sup>d</sup> Alternating current only.

<sup>e</sup> Plan data for 1967.

Table 96

Production of Turbines \* in the US and Selected Countries of the Sino-Soviet Bloc  
Selected Years, 1950-61, and 1965 Plan

Country	Thousand Kilowatts					
	1950	1955	1958	1960	1961	1965 Plan
US <sup>b</sup> . . . . .	6,788*	10,584*	17,833*	12,899*	13,207*	
USSR <sup>c</sup> . . . . .	2,696*	5,571*	6,647*	9,200*	10,732*	19,550* <sup>d</sup>
Communist China . . . . .	Negl.*	69*	800*	N.A.	N.A.	
Czechoslovakia . . . . .	281*	1,004*	964*	1,554*	N.A.	2,590*
East Germany <sup>e</sup> . . . . .	171	539*	505*	550	N.A.	1,606*
Hungary . . . . .	N.A.	240*	N.A.	N.A.	N.A.	
Poland <sup>e</sup> . . . . .	Negl.*	19*	53*	186*	270*	600*
Rumania <sup>f</sup> . . . . .	0*	15*	23*	98*	N.A.	

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data refer to steam and hydraulic turbines. Most production of turbines is for use in matched sets with generators for production of electric power. In addition, turbines are produced in single units for many purposes, including direct industrial drives, marine propulsion, and pipeline transmission.

<sup>b</sup> Units of 4,000 kilowatts and larger.

<sup>c</sup> Including a small number of gas turbines.

<sup>d</sup> Midpoint of the range of planned production for 1965 of 18.7 million to 20.4 million kilowatts.

<sup>e</sup> Steam turbines only.

<sup>f</sup> Steam turbines of more than 500 kilowatts only.

SECRET

Table 97  
Production of Electron Tubes in the US and the Sino-Soviet Bloc  
Selected Years, 1950-61, and 1965 Plan

Country	Million Units					
	1950	1955	1958	1960	1961	1965 Plan
US <sup>a</sup> .....	383.0*	479.8*	397.4*	393.1*	375.0*	
Sino-Soviet Bloc.....	<b>33.9</b>	<b>100</b>	<b>162</b>	<b>N.A.</b>	<b>N.A.</b>	
USSR.....	25.2*	76.6*	110.0*	125.0*	147.0*	270.0
Communist China.....	<i>Negl.</i>	0.3	10.0	<i>N.A.</i>	<i>N.A.</i>	
European Satellites.....	<b>8.7</b>	<b>23.6</b>	<b>41.6</b>	<b>49.7</b>	<b>56.9</b>	
Czechoslovakia.....	2.8	4.3*	9.5*	10.4*	14.0*	24.0*
East Germany.....	2.7	9.5	16.2	20.5	22.5	30.0
Hungary.....	2.5*	7.0*	8.9*	11.4*	12.4*	
Poland.....	0.7*	2.6*	6.0*	7.4*	8.0	
Rumania.....	<i>Negl.</i>	0.2	1.0	<i>N.A.</i>	<i>N.A.</i>	

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Including only those tubes manufactured for civilian use.

Table 98  
Production of Radio Receivers <sup>a</sup>  
Selected Years, 1950-61, and 1965 Plan

Country	Thousand Units					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup> .....	<b>20,300*</b>	<b>22,500*</b>	<b>20,900*</b>	<b>28,700*</b>	<b>N.A.*</b>	
US.....	14,590*	14,526*	12,507*	17,969*	18,348*	
Sino-Soviet Bloc.....	<b>1,900*</b>	<b>5,470*</b>	<b>7,940*</b>	<b>N.A.</b>	<b>N.A.</b>	
USSR.....	1,072*	3,549*	3,902*	4,165*	4,229*	6,000*
Communist China.....	<i>Negl.*</i>	100*	1,500*	<i>N.A.</i>	<i>N.A.</i>	
European Satellites.....	<b>832*</b>	<b>1,820*</b>	<b>2,540*</b>	<b>2,220*</b>	<b>2,320*</b>	
Bulgaria.....	8*	66*	132*	150*	170*	
Czechoslovakia.....	293*	102*	309*	230*	260*	330*
East Germany.....	277*	725*	718*	810*	800*	
Hungary.....	99*	377*	453*	212*	240*	
Poland.....	116*	461*	790*	623*	640*	720*
Rumania.....	40*	89*	139*	190*	215*	300*

Other NATO Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
Canada <sup>c</sup> .....	758*	696*	Italy.....	<i>N.A.*</i>	935*	UK.....	1,809*	2,504*
Denmark.....	109*	208*	Norway.....	102*	90*	West Germany... <sup>d</sup>	2,008*	4,127*
France.....	963*	2,214*						

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data refer to civilian radio receivers and, unless otherwise indicated, include radio-phonograph combinations.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Producer sales.

<sup>d</sup> Excluding radio-phonograph combinations.

Table 99

Production of Television Receivers  
Selected Years, 1950-61, and 1965 Plan

Thousand Units

Country	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>a</sup> .....	8,040*	10,800* <sup>b</sup>	9,740* <sup>b</sup>	12,200*	N.A.*	
US.....	7,464*	7,756*	4,921*	5,708*	6,178*	
Sino-Soviet Bloc.....	12*	550*	1,390*	2,720*	3,280*	
USSR.....	12*	495*	979*	1,726*	1,949*	3,300*
Communist China.....	0*	0*	Negl.*	N.A.	N.A.	
European Satellites.....	Negl.*	56*	408*	990*	1,330*	
Bulgaria.....	0*	0*	Negl.*	Negl.*	6*	30*
Czechoslovakia.....	Negl.*	17*	134*	263*	334*	410*
East Germany.....	Negl.*	39*	180*	416*	560*	760*
Hungary.....	0*	Negl.*	37*	139*	178*	529*
Poland.....	0*	Negl.*	57*	171*	230*	440*
Rumania.....	Negl.*	Negl.*	Negl.*	Negl.*	20*	130*

Other NATO Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
Belgium.....	N.A.*	216*	France <sup>d</sup> .....	5*	655*	UK.....	541*	2,141*
Canada <sup>e</sup> .....	30*	339*	Italy.....	N.A.*	728*	West Germany... Negl.*		2,164*
Denmark.....	Negl.*	233*	Norway.....	0*	45*			

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>b</sup> Excluding data for Belgium. (See footnote a, above.)

<sup>c</sup> Producer sales.

<sup>d</sup> Deliveries.

# PRODUCTION OF RADIO RECEIVERS AND TELEVISION RECEIVERS IN SELECTED AREAS SELECTED YEARS, 1950-61, AND 1965 PLAN

*Million units*

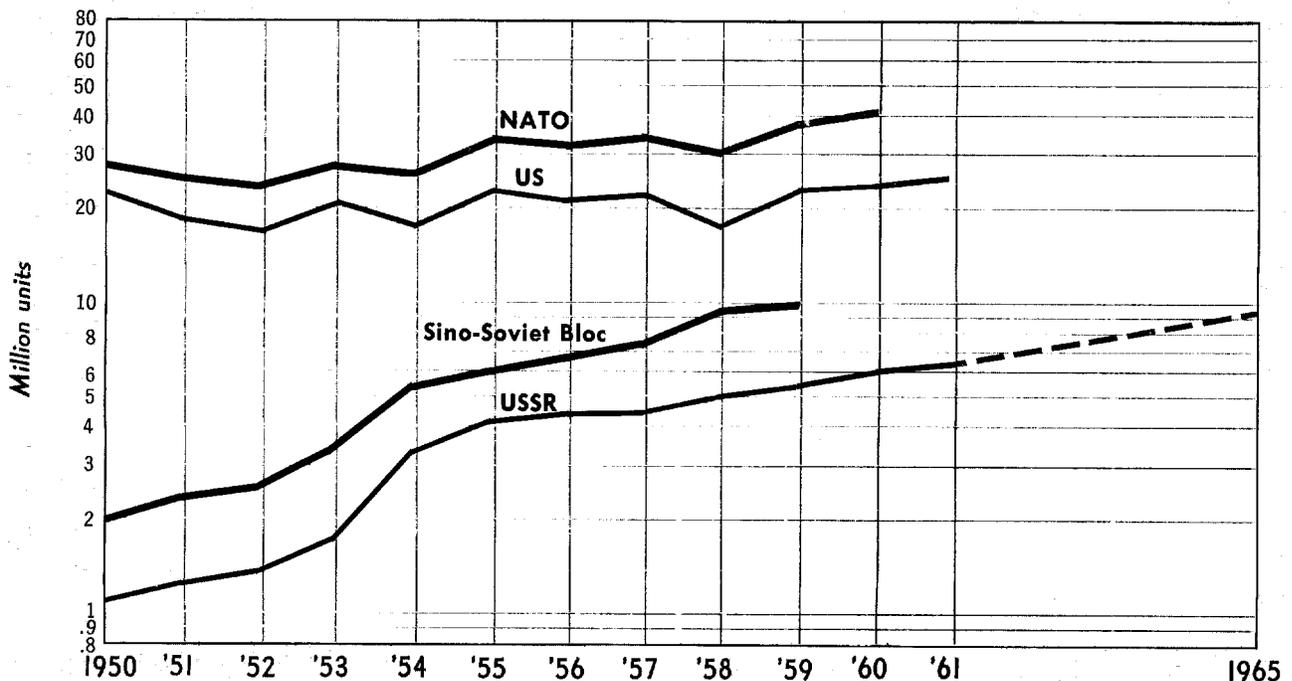
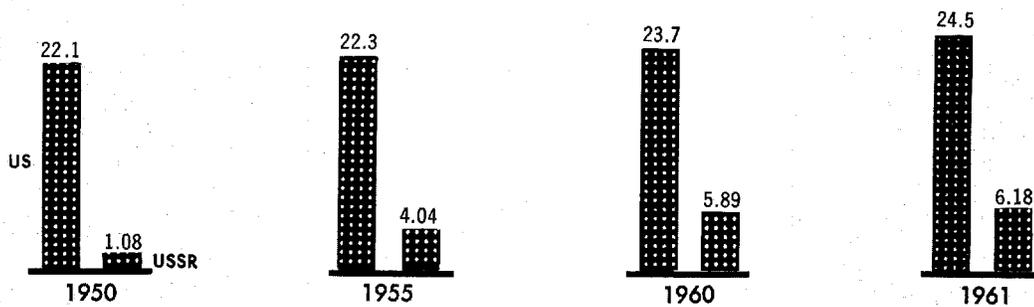


Table 100  
Production of Metalcutting Machine Tools <sup>a</sup> in the US and the Sino-Soviet Bloc  
Selected Years, 1950-61, and 1965 Plan

Country	Thousand Units					
	1950	1955	1958	1960	1961	1965 Plan
US.....	48.00*	58.00*	31.50*	43.47*	44.00*	
Sino-Soviet Bloc.....	108*	185*	244*	N.A.	N.A.	
USSR.....	70.60*	117.09*	138.29*	155.57*	164.00*	270*
Communist China.....	3.31*	13.71*	30.00* <sup>b</sup>	N.A. <sup>b</sup>	N.A.	
North Korea.....	0*	0.32*	1.45*	2.60*	3.30*	7.50* <sup>c</sup>
North Vietnam.....	0*	0*	0.07*	0.75*	1.00*	1.54
European Satellites.....	34.4*	54.2*	74.2*	84.0*	86.0*	
Bulgaria.....	0.90*	1.40*	2.11*	3.00*	3.50*	
Czechoslovakia.....	12.91*	18.49*	28.01* <sup>d</sup>	24.67* <sup>d</sup>	24.79*	
East Germany <sup>e</sup> .....	13.15*	15.60*	18.25*	22.00*	23.00*	
Hungary.....	3.45*	5.35*	5.67*	7.50*	7.50*	
Poland.....	3.80*	12.70*	19.10*	22.50*	22.20*	32.36*
Rumania.....	0.18* <sup>f</sup>	0.71* <sup>f</sup>	1.08* <sup>f</sup>	4.36* <sup>g</sup>	5.00* <sup>g</sup>	7.75* <sup>h</sup>

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data refer to metalcutting machine tools including power-driven machine tools defined as not supported in the hands of an operator when in use and designed to remove metal in the form of chips and also include honing, lapping, grinding, electro-erosion, and ultrasonic cutting machines.

<sup>b</sup> Reported production by official sources are as follows: for 1958, 50,000 units, and for 1960, 90,000 units. Data appear to include many rudimentary types not reported before 1958.

<sup>c</sup> Plan data for 1967.

<sup>d</sup> Including production by the Central Union of Producers Cooperatives (USVD). The USVD production has been 5,000 to 6,000 units per year and is composed of many items that should not be classed as machine tools.

<sup>e</sup> Excluding a few types known to be produced in small quantities.

<sup>f</sup> Data appear to be production of lathes only.

<sup>g</sup> Including metalforming types.

<sup>h</sup> Midpoint of the range of planned production for 1965 of 7,500 to 8,000 units. Data probably include both metalcutting and metalforming types.

ANTIFRICTION BEARINGS

Table 101

Production of Metalforming Machine Tools <sup>a</sup> in the US and the USSR  
Selected Years, 1950-61, and 1965 Plan

Country	Thousand Units					
	1950	1955	1958	1960	1961	1965 Plan
US.....	N.A.*	N.A.*	21.2*	39.3* <sup>b</sup>	40.0*	
USSR.....	9.0* <sup>c</sup>	17.1*	26.2*	29.9*	30.5*	55.0*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data refer to power-driven metalforming machine tools defined as not supported in the hands of an operator when in use and designed to press, forge, emboss, hammer, extrude, blank, spin, shear, or bend metal into shape.

<sup>b</sup> Including manually operated bending and forming machines and excluding spinning lathes.

<sup>c</sup> Probably including hand machines and shears.

Table 102

Production of Antifriction Bearings <sup>a</sup> in the Sino-Soviet Bloc  
Selected Years, 1950-61, and 1965 Plan

Country	Million Units					
	1950	1955	1958	1960	1961	1965 Plan
Sino-Soviet Bloc.....	<b>104</b>	<b>255</b>	<b>417</b>	<b>N.A.</b>	<b>N.A.</b>	
USSR.....	93.3*	218.0*	325.1*	370.2*	396.0*	650*
Communist China.....	0.4*	2.0*	29.4*	N.A.	N.A.	
North Korea.....	0*	0*	Negl.*	0.7*	N.A.	
European Satellites.....	<b>10.5</b>	<b>35.2</b>	<b>62.9</b>	<b>92.8</b>	<b>108</b>	
Czechoslovakia.....	5.9*	14.3*	27.1*	37.2*	42.0*	72*
East Germany.....	3.9	14.2	22.6*	33.0*	37.0* <sup>b</sup>	60*
Hungary.....	Negl.	1.7	3.5	6.0	7.5	14
Poland.....	0.5*	3.3*	6.9*	12.0*	16.5*	27*
Rumania.....	0.2*	1.7*	2.8*	4.6*	5.5*	

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data for the US for production of antifriction bearings are not available. Shipments in current US dollars for ball and roller bearings and components are as follows: for 1960, US \$450 million; for 1958, US \$631 million; and for 1955, US \$674 million.

<sup>b</sup> Plan data.

Table 103

Production of Metallurgical Equipment <sup>a</sup> in the Sino-Soviet Bloc  
Selected Years, 1950-61, and 1965 Plan

Country	Thousand Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
Sino-Soviet Bloc.....	158*	272*	404*	N.A.	N.A.	
USSR.....	111.2*	172.1*	176.1*	218.5*	214.0*	210.0* <sup>b</sup>
Communist China.....	Negl.*	11.5*	110.0* <sup>c</sup>	N.A.	N.A.	
European Satellites.....	46.7*	88.1*	118*	158*	N.A.	
Czechoslovakia.....	20.3*	37.3*	76.2*	90.7*	N.A.	182.6*
East Germany <sup>d</sup> .....	17.2*	24.3*	14.5*	15.9*	N.A.	
Poland.....	9.2*	22.9*	12.1*	22.0*	31.2*	51.0*
Rumania.....	Negl.*	3.6*	15.3*	29.6*	N.A.	

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data refer to rolling mills; mechanical equipment for coke, blast, and smelting furnaces; mixers; crushers; grinding mills for ore and coal; agglomeration installations; and special hoist-transport mechanisms for metallurgical shops. Equipment for nonferrous shops is believed to be included but probably amounts to only a small percentage of the total physical volume. Data are not available for the US in terms of metric tons. Expenditures in the US in current US dollars for new machinery and equipment for blast furnaces, steel mills, and nonferrous metal-producing facilities are as follows: for 1950, US \$354 million; for 1955, US \$522 million; for 1956, US \$950 million; and for 1957, US \$1,331 million. Data for later years are not available.

<sup>b</sup> Midpoint of the range of planned production for 1965 of 200,000 to 220,000 metric tons. The plan for 1965 is for rolling mill equipment only, which normally constitutes 50 to 60 percent of all metallurgical equipment produced in the USSR.

<sup>c</sup> Including large quantities of small-scale equipment not normally produced in other Bloc countries.

<sup>d</sup> Rolling mill equipment only. Production data are not available for all metallurgical equipment.

Table 104

Production of Chemical Equipment in Selected Countries of the Sino-Soviet Bloc  
Selected Years, 1950-61, and 1965 Plan

Country	Unit of Measure	1950	1955	1958	1960	1961	1965 Plan
USSR.....	Thousand tons <sup>a</sup> .....	43*	111*	N.A.	N.A.	250*	N.A.
	Million new rubles....	N.A.	76*	112*	226*	240*	360* <sup>b</sup>
Czechoslovakia.....	Thousand tons.....	11	29*	41*	57*	N.A.	250 <sup>c</sup>
	Million korunas.....	N.A.	328*	450*	794*	1,074*	2,542*
East Germany.....	Thousand tons.....	22	33	48	58	N.A.	120 <sup>c</sup>
	Million DME <sup>d</sup> .....	91*	138*	201*	285*	N.A.	500 <sup>c</sup>
Hungary.....	Thousand tons.....	N.A.	N.A.	12	20	N.A.	40 <sup>c</sup>
Poland.....	Thousand tons.....	7*	28*	32*	29*	38*	85 <sup>c</sup>
Rumania.....	Thousand tons.....	N.A.	N.A.	9	17	N.A.	35 <sup>c</sup>

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Tonnages are given in metric tons.

<sup>b</sup> Midpoint of the range of planned production for 1965 of 350 million to 370 million rubles.

<sup>c</sup> Estimated production for 1965.

<sup>d</sup> Deutsche Mark East (East German marks). Value figures are based on 1955 constant plan prices. The value for 1950 is converted to constant plan prices on the basis of production figures for 1955.

Table 105

Production of Grain Combines in the UK, the US, and the Sino-Soviet Bloc <sup>a</sup>  
Selected Years, 1950-61, and 1965 Plan

Country	1950	1955	1958	1960	1961	1965 Plan	Units
UK.....	4,325*	6,209*	6,553*	3,213* <sup>b</sup>	2,781* <sup>b</sup>		
US.....	116,137*	63,739*	47,137*	28,615*	21,695*		
Sino-Soviet Bloc.....	<b>46,400*</b>	<b>51,200*</b>	<b>74,800*</b>	<b>71,900*</b>	N.A.		
USSR.....	46,338*	48,012*	65,000*	59,000*	76,300*	109,000* <sup>c</sup>	
Communist China.....	0*	3*	545*	2,590*	N.A.		
European Satellites.....	<b>55*</b>	<b>3,190*</b>	<b>9,240*</b>	<b>10,300*</b>	<b>11,500*</b>		
Bulgaria.....	0*	300*	1,600*	0* <sup>d</sup>	0* <sup>d</sup>		
Czechoslovakia.....	0*	5*	0* <sup>e</sup>	0* <sup>e</sup>	0* <sup>e</sup>		
East Germany.....	0*	1,053*	475*	1,972*	2,200* <sup>f</sup>	2,200* <sup>f</sup>	
Hungary.....	5*	1,535*	1,338*	2,266*	2,825*	3,400*	
Poland.....	0*	300*	23*	564*	347*		
Rumania.....	50*	0*	5,801*	5,500*	6,129*		

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Tractor-drawn and self-propelled.

<sup>b</sup> Deliveries.

<sup>c</sup> Estimated production for 1965.

<sup>d</sup> Production ceased in 1959, and there has been no indication that production is to be resumed.

<sup>e</sup> Production ceased in 1957 in favor of imports of this item from Hungary. There has been no indication that production is to be resumed.

<sup>f</sup> Production "after 1960" during the Seven Year Plan (1959-65) has been planned at an annual average of 2,200 units.

Table 106  
Production of Tractors  
Selected Years, 1950-61, and 1965 Plan

Country	Thousand Units					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>a</sup> .....	<b>737*</b>	<b>751*</b>	<b>647*</b>	<b>582*</b>	<b>618*</b>	
US.....	542.5*	377.1*	265.5*	178.5*	195.4*	
Sino-Soviet Bloc.....	<b>136*</b>	<b>200*</b>	<b>262*</b>	<b>N.A.</b>	<b>N.A.</b>	
USSR.....	108.8*	163.4*	219.7*	238.5*	263.6*	450.0*
Communist China.....	0*	0*	1.0*	N.A.	N.A.	
North Korea.....	0*	0*	<i>Negl.*</i>	3.0*	4.0*	10.0*
European Satellites.....	<b>27.3*</b>	<b>36.7*</b>	<b>41.8*</b>	<b>69.2*</b>	<b>72.4</b>	
Bulgaria.....	0*	0*	0*	0.2* <sup>b</sup>	0.4* <sup>c</sup>	
Czechoslovakia.....	10.5*	12.6*	24.6*	32.5*	27.8*	43.1*
East Germany.....	5.2*	7.8*	4.3*	9.1*	11.2	13.7
Hungary.....	4.1*	4.7*	1.5*	2.6*	2.5*	5.0*
Poland.....	4.0*	8.1*	4.4*	7.7*	10.5*	
Rumania.....	3.5*	3.5*	7.0*	17.1*	20.0*	25.0*

Other NATO Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
France.....	14.2*	67.1*	UK.....	120.2*	176.9*	West Germany....	52.1*	130.0* <sup>d</sup>
Italy.....	7.9*	48.3*						

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>b</sup> Production began in 1960.

<sup>c</sup> Plan data.

<sup>d</sup> Including data for the Saar.

Table 107

Production of Tractor Moldboard Plows <sup>a</sup> in the UK, the US, and the Sino-Soviet Bloc  
Selected Years, 1950-61, and 1965 Plan

Country	Units					
	1950	1955	1958	1960	1961	1965 Plan
UK.....	52,080*	26,571*	27,835*	16,388* <sup>b</sup>	18,515* <sup>b</sup>	
US.....	341,710*	141,174*	109,238*	110,414*	N.A.*	
Sino-Soviet Bloc.....	<b>168,000*</b>	<b>137,000*</b>	<b>206,000*</b>	<b>217,000*</b>	N.A.	
USSR.....	121,900*	103,200*	164,000*	149,100*	138,200*	157,000* <sup>c</sup>
European Satellites.....	<b>45,900*</b>	<b>33,700*</b>	<b>41,800*</b>	<b>67,700*</b>	N.A.	
Bulgaria.....	900*	1,947*	2,700*	4,944*	N.A.	
Czechoslovakia.....	20,812*	9,955*	12,196*	20,831*	N.A.	
East Germany.....	7,304*	3,572*	3,784*	6,414*	N.A.	
Hungary.....	3,274*	4,556*	1,737*	353*	1,061*	
Poland.....	8,600*	9,700*	15,600*	19,455*	28,034*	
Rumania.....	5,030*	4,005*	5,738*	15,692*	16,000*	

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Excluding surface (shallow) plows.

<sup>b</sup> Deliveries.

<sup>c</sup> Estimated plan for 1965 based on the reported total delivery of 1.1 million tractor plows to agriculture during the Seven Year Plan (1959-65).

Table 108  
Construction of Maritime Ships <sup>a</sup>  
Selected Years, 1950-61

Country	Thousand Gross Register Tons				
	1950	1955	1958	1960	1961
NATO <sup>b</sup> .....	<b>2,740*</b>	<b>3,730*</b>	<b>4,740*</b>	<b>4,950*</b>	<b>N.A.*</b>
US.....	392.0*	100.0*	518.0*	379.0*	N.A.*
Sino-Soviet Bloc.....	<b>41.8</b>	<b>287</b>	<b>377</b>	<b>N.A.</b>	<b>N.A.</b>
USSR.....	8.0	113.3	103.4	195.0	137.4
Communist China.....	4.0	22.0	30.0	N.A.	N.A.
European Satellites.....	<b>29.8</b>	<b>152</b>	<b>243</b>	<b>365</b>	<b>304</b>
Bulgaria.....	N.A.	N.A.	5.9	13.9	11.3
East Germany.....	5.6	61.1	100.5	157.6	102.6
Hungary.....	13.8	15.6	20.4	16.8	10.4
Poland.....	10.4	75.1	116.5	166.7	160.0
Rumania.....	N.A.	N.A.	N.A.	9.6	19.3

Other NATO Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
Belgium.....	56*	124*	Italy.....	76*	447*	Portugal.....	16* <sup>o</sup>	3*
Denmark.....	116*	214*	Netherlands.....	200*	681*	UK.....	1,388*	1,298*
France.....	176*	430*	Norway.....	60*	254*	West Germany..	264* <sup>o</sup>	1,123*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Including only countries in which domestic construction is a significant percentage of over-all construction. Data refer to oceangoing tankers, cargo and passenger ships, tugs, and self-propelled barges completed during the year but exclude miscellaneous auxiliary ships, harbor craft, and small coastal ships.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." Data refer to maritime ships completed and differ from the previous *Handbook*, in which data referred to maritime ships under construction.

<sup>o</sup> Data are for 1951 and are included in the total for 1950.

Table 109  
Construction of Inland and Fishing Ships in the Sino-Soviet Bloc \*  
Selected Years, 1950-61

Country	1950	1955	1958	1960	1961
Inland Self-Propelled					
Thousand Horsepower					
Sino-Soviet Bloc.....	<b>71.5</b>	<b>145</b>	<b>204</b>	<b>N.A.</b>	<b>N.A.</b>
USSR.....	48.9	72.6	115.1	141.2	141.2
Communist China.....	13.0	26.0	40.0	N.A.	N.A.
European Satellites.....	<b>9.6</b>	<b>46.8</b>	<b>48.5</b>	<b>54.0</b>	<b>85.5</b>
Czechoslovakia.....	7.2	13.8	17.2	16.7	20.7
East Germany.....	0	6.6	19.0	17.4	15.4
Hungary.....	2.4	26.4	12.3	9.9	21.6
Rumania.....	N.A.	N.A.	N.A.	10.0	27.8
Inland Non-Self-Propelled					
Thousand Deadweight Tons Carrying Capacity					
Sino-Soviet Bloc.....	<b>740</b>	<b>685</b>	<b>456</b>	<b>N.A.</b>	<b>N.A.</b>
USSR.....	725.2	614.1	295.0	0	0
Communist China.....	12.0	51.0	130.0	N.A.	N.A.
European Satellites.....	<b>2.4</b>	<b>20.0</b>	<b>31.0</b>	<b>N.A.</b>	<b>N.A.</b>
Bulgaria.....	N.A.	N.A.	N.A.	35.4	4.9
Czechoslovakia.....	2.4	18.0	25.0	N.A.	N.A.
Hungary.....	0	2.0	6.0	6.9	N.A.
Rumania.....	N.A.	N.A.	N.A.	10.2	N.A.
Fishing					
Thousand Gross Register Tons					
Sino-Soviet Bloc.....	<b>71.8</b>	<b>101</b>	<b>151</b>	<b>301</b>	<b>302</b>
USSR.....	9.9	22.5	84.0	188.7	239.4
Communist China.....	0	6.0	N.A.	N.A.	N.A.
North Korea.....	2.5	5.0	N.A.	N.A.	N.A.
European Satellites.....	<b>59.4</b>	<b>67.4</b>	<b>66.6</b>	<b>112</b>	<b>62.8</b>
East Germany.....	55.4	48.5	23.6	49.2	20.8
Poland.....	4.0	18.9	43.0	63.0	42.0

\* Including only countries in which domestic construction is a significant percentage of over-all construction.

Table 110

Production of Mainline Locomotives \* in Selected Countries of NATO and of the Sino-Soviet Bloc  
Selected Years, 1950-61, and 1965 Plan

Country	Units					
	1950	1955	1958	1960	1961	1965 Plan
US <sup>b</sup> .....	3,144*	1,664*	1,385*	1,077*	1,086*	
Canada.....	146*	362*	417*	N.A.*	N.A.*	
France.....	73*	284*	385*	311*	N.A.*	
Italy <sup>c</sup> .....	90*	88*	112*	150*	N.A.*	
UK.....	1,323*	1,229*	1,063*	1,181* <sup>d</sup>	881* <sup>d</sup>	
West Germany.....	143*	900*	1,031*	1,231*	N.A.*	
Sino-Soviet Bloc <sup>e</sup> .....	<b>2,450*</b>	<b>2,410*</b>	<b>2,500*</b>	<b>4,140*</b>	<b>N.A.</b>	
USSR.....	1,212*	982*	1,056*	1,699*	2,012*	2,625* <sup>f</sup>
Communist China.....	0*	98*	352*	700*	N.A.	
North Korea.....	0*	0*	0*	0*	3*	
European Satellites <sup>e</sup> .....	<b>1,240*</b>	<b>1,330*</b>	<b>1,100*</b>	<b>1,730*</b>	<b>1,330*</b>	
Czechoslovakia <sup>e</sup> .....	221*	175*	151*	244*	347*	830*
East Germany <sup>e</sup> .....	504*	649*	671*	746*	520*	
Hungary <sup>e</sup> .....	214*	148*	100*	420*	157*	
Poland.....	240*	308*	125* <sup>o</sup>	324* <sup>o</sup>	303* <sup>o</sup>	
Rumania.....	56*	54*	48*	N.A.	N.A.	

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data refer to all types of mainline locomotives (diesel, diesel-electric, electric, and steam). For detailed data for diesel and electric locomotives, see Tables 111 and 112 (pp. 108 and 109, below).

<sup>b</sup> Data refer to units put into service on first-class railroads and include mainline locomotives exported in the following amounts: for 1950, 756; for 1955, 482; for 1958, 951; for 1960, 624; and for 1961, 812.

<sup>c</sup> Data include only locomotives produced for state railroads.

<sup>d</sup> Data have been revised to relate to mainline locomotives added to the operating stock by the British Transport Commission and to those exported, rather than to production data, which no longer are available.

<sup>e</sup> Perhaps including nonmainline types.

<sup>f</sup> Midpoint of the range of planned production for 1965 of 2,550 to 2,700 units.

Table 111

Production of Mainline Diesel Locomotives in Selected Countries of NATO and of the Sino-Soviet Bloc  
 Selected Years, 1950-61, and 1965 Plan

Country	Units					
	1950	1955	1958	1960	1961	1965 Plan
US <sup>a</sup> <sup>b</sup>	3,191*	1,172*	430*	440*	242*	
France <sup>a</sup>	43* <sup>c</sup>	172*	229*	143*	160*	
UK	515*	760*	958*	1,007* <sup>d</sup>	789* <sup>d</sup>	
West Germany	N.A.*	842*	796*	1,110*	N.A.*	
Sino-Soviet Bloc <sup>e</sup>	<b>238*</b>	<b>497*</b>	<b>1,140*</b>	<b>2,210*</b>	<b>1,950*</b>	
USSR	125*	134*	712*	1,303*	1,455*	
Communist China	0*	0*	2*	N.A.	N.A.	
European Satellites <sup>e</sup>	<b>113*</b>	<b>363*</b>	<b>426*</b>	<b>910*</b>	<b>498*</b>	
Czechoslovakia <sup>e</sup>	0*	31*	59*	121*	149*	600*
East Germany <sup>e</sup>	113*	328*	257*	255*	50* <sup>f</sup>	180*
Hungary <sup>e</sup>	0*	4*	70*	380* <sup>f</sup>	117*	
Poland <sup>e</sup>	0*	0*	40*	144*	167*	
Rumania	0*	0*	0*	10*	15*	95*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Diesel-electric.

<sup>b</sup> Data refer to units put into service on first-class railroads but do not include exports.

<sup>c</sup> Data are for 1952.

<sup>d</sup> Data have been revised to relate to diesel and diesel-electric locomotives added to the operating stock by the British Transport Commission and to those exported, rather than to production data, which no longer are available.

<sup>e</sup> Perhaps including nonmainline types.

<sup>f</sup> Plan data.

Table 112  
 Production of Mainline Electric Locomotives in the US and the Sino-Soviet Bloc  
 Selected Years, 1950-61, and 1965 Plan

Country	1950	1955	1958	1960	1961	1965 Plan
US <sup>a</sup> .....	12*	10*	0*	1*	25*	
Sino-Soviet Bloc <sup>b</sup> .....	174*	439*	797*	1,020*	1,310*	
USSR.....	102*	194*	344*	396*	557*	
North Korea.....	0*	0*	0*	0*	3*	
European Satellites <sup>b</sup> .....	72*	245*	453*	621*	754*	
Czechoslovakia <sup>b</sup> .....	0*	29*	52*	123*	198*	230*
East Germany <sup>b</sup> .....	71*	212*	354*	420*	470*	
Hungary.....	1*	4*	30*	40*	40*	
Poland <sup>b</sup> .....	N.A.	N.A.	17*	38*	46*	48*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data refer to units put into service on first-class railroads but do not include exports.

<sup>b</sup> Perhaps including nonmainline types.

Table 113  
 Production of Mainline Railroad Freight Cars <sup>a</sup>  
 Selected Years, 1950-60

Country	Thousand Units			
	1950	1955	1958	1960
NATO <sup>b</sup> .....	96.4*	129* <sup>c</sup>	107* <sup>c</sup>	N.A.*
US <sup>d</sup> .....	44.21*	42.06*	44.23*	57.31*
Sino-Soviet Bloc.....	78.1*	68.1*	74.8	87.7
USSR.....	50.80*	34.40*	40.30*	36.40*
Communist China.....	0.7*	9.26*	11.00*	24.00
North Korea.....	0*	0*	0.54	0.80*
North Vietnam.....	0*	0*	0*	0.49*
European Satellites.....	27.2*	24.4*	23.0*	26.0*
Bulgaria.....	0*	0.99*	1.29*	N.A.
Czechoslovakia.....	2.11*	5.55*	5.36*	5.15*
East Germany.....	6.35*	4.00*	3.08*	2.38*
Hungary.....	1.23*	0.57*	0* <sup>e</sup>	0* <sup>e</sup>
Poland.....	15.44*	11.92*	9.78*	13.89*
Rumania.....	2.09*	1.37*	3.47*	4.62*

Other NATO Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
Canada.....	4.76*	N.A.*	Italy.....	1.45*	3.41* <sup>e</sup>	West Germany...	2.45*	6.63*
France.....	10.38*	7.93*	UK.....	33.16*	8.52* <sup>f</sup>			

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Including cars of two, four, or more axles. Although the European NATO countries still are producing some smaller cars, most production in the US, the USSR, and the European Satellites now consists of four-axle units.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Data include railroad passenger cars.

<sup>d</sup> Shipments.

<sup>e</sup> Production is believed to have been discontinued except for a few special types.

<sup>f</sup> Data have been revised to relate to freight cars added to the operating stock by the British Transport Commission and to those exported, rather than to production data, which no longer are available.

Table 114  
Production of Automobiles  
Selected Years, 1950-61, and 1965 Plan

Country	Thousand Units					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>a</sup> .....	8,050*	10,700*	8,080*	11,800*	10,300*	
US <sup>b</sup> .....	6,665.9*	7,920.0*	4,257.8*	6,674.8*	5,543.0*	
Sino-Soviet Bloc.....	96.3*	146*	217	272*	293	
USSR.....	64.6*	107.8*	122.2*	138.8*	149.0*	200.0*
Communist China <sup>c</sup> .....	0*	0*	1.0	N.A.	N.A.	
European Satellites.....	31.7*	38.7*	93.5*	133*	144	
Czechoslovakia.....	24.5*	12.5*	43.4*	56.2*	58.8*	110.0*
East Germany.....	7.2*	22.2*	38.4*	64.1*	71.0	108.0*
Poland.....	0*	4.0*	11.7*	12.9*	14.4*	22.5*

Other NATO Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Canada.....	284.1*	327.8*	Italy <sup>e</sup> .....	99.9*	693.8*	UK.....	522.5*	1,004.0*
France <sup>d</sup> .....	257.3*	987.6*	Netherlands... <i>Negl.</i> *		13.4*	West Germany.	216.1*	1,752.0*

Other Countries

Country	1950	1961
Japan.....	1.6*	249.5*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>b</sup> Factory sales, including parts shipped for assembly abroad.

<sup>c</sup> Including jeeps.

<sup>d</sup> Including buses.

<sup>e</sup> Excluding production for the armed forces.



Table 116  
 Inland Transport Performance, in Ton-Kilometers, <sup>a</sup> in the US and the USSR  
 Selected Years, 1950-61

Country	Billion Metric Ton-Kilometers				
	1950	1955	1958	1960	1961
Total US . . . . .	2,010*	2,400*	2,300*	2,570*	2,540*
Railroads . . . . .	918*	956*	839*	890*	879*
Motor vehicles <sup>b</sup> . . . . .	325*	421*	474*	575*	575*
Domestic shipping <sup>c</sup> . . . . .	579*	726*	676*	758*	730*
Petroleum pipelines . . . . .	189*	297*	308*	345*	353*
Total USSR . . . . .	693*	1,130*	1,550*	1,840*	1,950*
Railroads . . . . .	602*	971*	1,302*	1,504*	1,566*
Motor vehicles <sup>b</sup> . . . . .	20*	42*	77*	98*	108*
Domestic shipping <sup>d</sup> . . . . .	66*	102*	139*	181*	211*
Petroleum pipelines . . . . .	5*	15*	34*	51*	60*

\* An asterisk indicates that the data are unclassified.  
<sup>a</sup> Excluding airfreight transport.  
<sup>b</sup> Highway freight traffic, including urban and rural traffic.  
<sup>c</sup> Domestic freight by water, including inland waterway freight and estimated coastal and intercoastal freight traffic.  
<sup>d</sup> Domestic freight by water, including totals for inland waterway freight plus about 50 percent of the freight carried by the maritime fleet.

Table 117  
 Railroad Freight Traffic, in Ton-Kilometers <sup>a</sup>  
 Selected Years, 1950-61, and 1965 Plan

Billion Metric Ton-Kilometers

Country	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup> .....	1,150*	1,220*	1,100*	1,160*	1,150*	
US.....	917.54*	955.66*	839.14*	890.00*	879.00*	
Sino-Soviet Bloc.....	729*	1,210*	1,660*	N.A.	N.A.	
USSR.....	602.30*	970.90*	1,302.00*	1,504.30*	1,566.20*	1,850.0* <sup>o</sup>
Communist China.....	39.41*	98.15*	185.52*	N.A.	N.A.	
North Korea.....	2.48*	3.79*	6.30*	9.12*	9.85*	17.5* <sup>d</sup>
North Vietnam.....	N.A.	0.04*	0.29*	0.70*	0.82*	
European Satellites.....	84.4*	137*	162*	187*	199*	
Albania.....	0.01*	0.02*	0.03*	0.05*	0.07*	
Bulgaria.....	2.58*	4.12*	5.24*	6.98*	7.44*	11.6* <sup>o</sup>
Czechoslovakia.....	18.63*	31.70*	42.67*	47.41*	51.25*	59.0*
East Germany.....	15.06*	25.22*	30.10*	32.86*	34.61*	37.4* <sup>o</sup>
Hungary <sup>f</sup> .....	5.42*	8.80*	10.24*	13.34*	13.84*	16.2* <sup>o</sup>
Poland.....	35.14*	51.97* <sup>o</sup>	57.19*	66.55*	70.00*	81.0* <sup>o</sup>
Rumania.....	7.60*	14.68*	17.02*	19.82*	22.22*	23.7* <sup>o</sup>

Other NATO Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Belgium <sup>g</sup> .....	5.46*	6.38*	Italy <sup>h</sup> <sup>k</sup> .....	10.29*	15.47*	Portugal.....	0.52*	0.74*
Canada.....	81.08*	97.14*	Luxembourg <sup>k</sup> .....	0.43*	0.64*	Turkey.....	2.49*	3.73*
Denmark <sup>h</sup> <sup>i</sup> .....	1.31*	1.42*	Netherlands <sup>l</sup> .....	3.02*	3.42*	UK <sup>o</sup> .....	36.20*	28.84*
France.....	38.93*	58.75*	Norway <sup>h</sup> <sup>m</sup> <sup>n</sup> .....	1.38*	1.73*	West Germany <sup>p</sup> .....	48.08*	53.52*
Greece <sup>j</sup> .....	0.20*	0.36*						

Other Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
India <sup>i</sup> <sup>m</sup> <sup>q</sup> .....	44.16*	87.91*	Japan <sup>h</sup> <sup>i</sup> <sup>r</sup> .....	30.72*	55.77*	Yugoslavia <sup>m</sup> .....	9.94*	14.84*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data refer to net metric ton-kilometers and include all goods and livestock carried during the calendar year by trains other than plantation, industrial, mining, funicular, and cable railroads but exclude service traffic, mail, and nonrevenue government stores. Data include domestic, import, export, and transit freight traffic. Freight traffic carried on more than one railroad line within a country is counted only once. Foreign trade freight traffic carried through more than one country, however, is counted in each country. Data for the US specifically include revenue and nonrevenue freight traffic on Class I and II railroads.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>o</sup> Upper limit of the range of the plan for 1965 of 1,800 billion to 1,850 billion metric ton-kilometers.

<sup>d</sup> Plan data for 1967.

<sup>e</sup> Estimated performance for 1965.

<sup>f</sup> Including performance of railroads owned jointly by Hungary and Austria and performance by narrow-gauge railroads for "limited public use."

<sup>g</sup> Full carloads only; excluding military traffic.

<sup>h</sup> State railroads.

<sup>i</sup> Data are for the year beginning 1 April.

<sup>j</sup> Including military and government traffic.

<sup>k</sup> Excluding livestock.

<sup>l</sup> Full carloads only.

<sup>m</sup> Including service traffic.

<sup>n</sup> Data are for the year beginning 1 July of the previous year.

<sup>o</sup> Excluding Northern Ireland. Including service traffic.

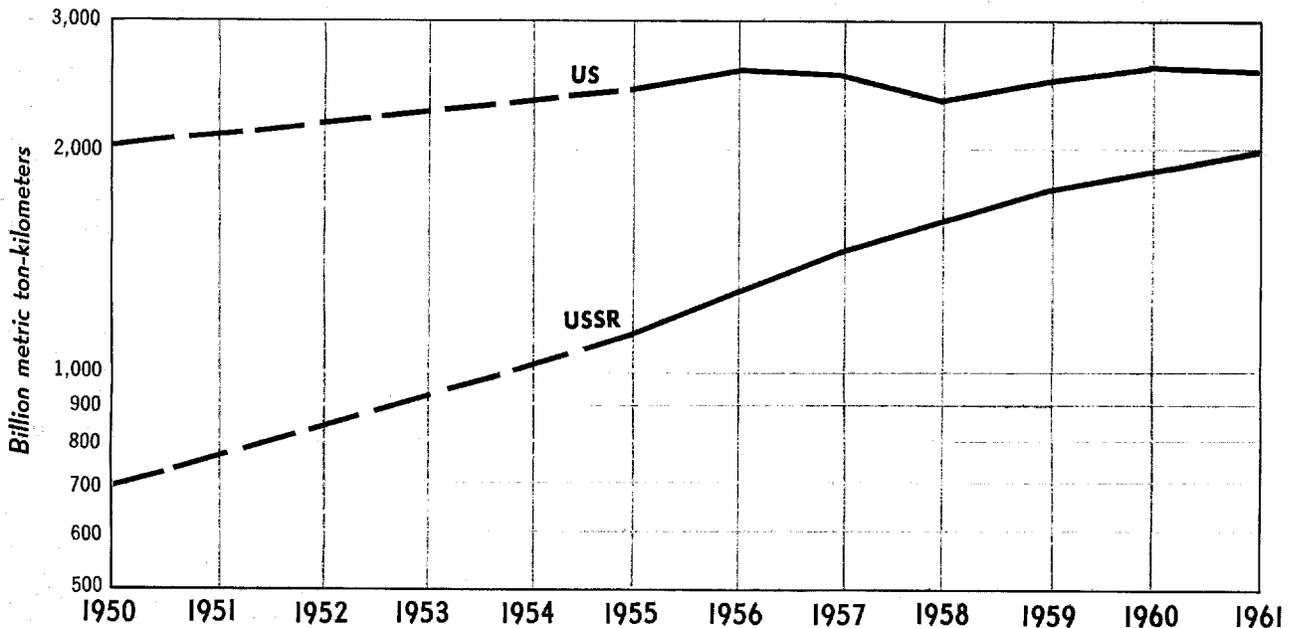
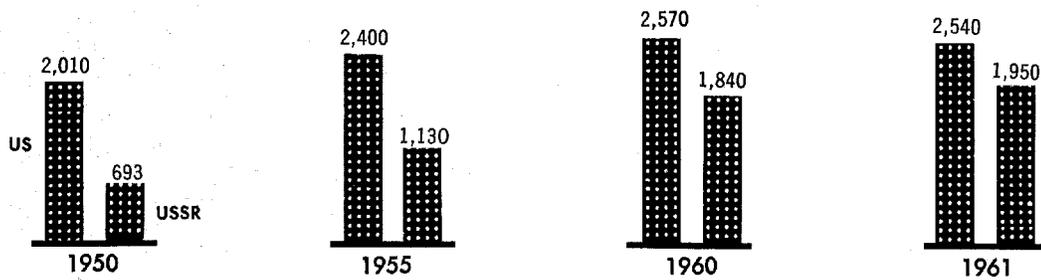
<sup>p</sup> Federal railroads.

<sup>q</sup> Government railroads, broad and meter gauge only.

<sup>r</sup> Including revenue service traffic.

# TON-KILOMETER PERFORMANCE BY INLAND TRANSPORT IN THE US AND THE USSR, SELECTED YEARS, 1950-61

*Billion metric ton-kilometers*



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RAILROAD FREIGHT TRAFFIC  
IN TONS CARRIED

Table 118

Railroad Freight Traffic, in Tons Carried <sup>a</sup>  
Selected Years, 1950-61, and 1965 Plan

Million Metric Tons Carried

Country	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup>	2,250*	2,390*	2,150*	2,320*	2,260*	
US	1,289.01*	1,323.36*	1,131.63*	1,180.52*	1,143.00*	
Sino-Soviet Bloc	1,420*	2,220*	2,850*	N.A.	N.A.	
USSR	834.30*	1,267.00*	1,616.90*	1,884.90*	1,987.40*	2,372*
Communist China	99.83*	193.76*	381.09*	N.A.	N.A.	
North Korea	11.27*	16.76*	28.20*	38.64*	41.00*	75* <sup>c</sup>
North Vietnam	N.A.	0.39*	1.43*	2.91*	3.37*	
European Satellites	476*	737*	827*	931*	987*	
Albania	0.24*	0.35*	0.57*	0.90*	1.18*	
Bulgaria	14.04*	23.75*	29.72*	38.41*	40.71*	63* <sup>d</sup>
Czechoslovakia	96.01*	140.22*	174.35*	194.08*	209.41*	259*
East Germany	128.50*	207.51*	227.20*	237.79*	250.80*	282*
Hungary <sup>e</sup>	41.46*	70.05*	78.52*	95.88*	98.64*	108*
Poland	160.30*	236.40*	250.00*	286.88*	300.94*	324*
Rumania	35.07*	58.96*	66.64*	77.49*	85.63*	97 <sup>d</sup>

Other NATO Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Belgium <sup>f</sup>	60.66*	60.85*	Italy <sup>g</sup>	39.12*	63.67*	Portugal	3.35*	3.67*
Canada	130.84*	153.38*	Luxembourg <sup>j</sup>	12.84*	17.46*	Turkey	7.30*	11.88*
Denmark <sup>h</sup>	7.00*	6.80*	Netherlands	21.20*	26.72*	UK <sup>m</sup>	285.86*	244.72*
France	151.69*	229.73*	Norway <sup>k</sup>	5.76*	5.78*	West Germany <sup>n</sup>	229.34*	294.55*
Greece <sup>i</sup>	1.87*	2.10*						

Other Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
India <sup>h</sup> <sup>o</sup>	127.08*	159.16*	Japan <sup>h</sup> <sup>p</sup>	120.19*	195.00*	Yugoslavia <sup>l</sup>	46.07*	64.24*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data refer to all goods and livestock carried during the calendar year by trains other than plantation, industrial, mining, funicular, and cable railroads but exclude service traffic, mail, and nonrevenue government stores. Data include domestic, import, export, and transit freight traffic. Freight traffic carried on more than one railroad line within a country is counted only once. Foreign trade freight traffic carried through more than one country, however, is counted in each country. Data for the US are in tons originated, thus giving a more realistic comparison with other NATO countries and with countries of the Sino-Soviet Bloc.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Plan data for 1967.

<sup>d</sup> Estimated performance for 1965.

<sup>e</sup> Including performance of railroads owned jointly by Hungary and Austria and performance by narrow-gauge railroads for "limited public use."

<sup>f</sup> Full carloads only; excluding military traffic.

<sup>g</sup> State railroads.

<sup>h</sup> Data are for the year beginning 1 April.

<sup>i</sup> Including military and government traffic.

<sup>j</sup> Excluding livestock.

<sup>k</sup> Data are for the year beginning 1 July of the previous year.

<sup>l</sup> Including service traffic

<sup>m</sup> Excluding Northern Ireland.

<sup>n</sup> Federal railroads.

<sup>o</sup> Government railroads, broad and meter gauge only.

<sup>p</sup> Including revenue service traffic.

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Table 119  
 Highway Freight Traffic, in Ton-Kilometers, \* in the US and the Sino-Soviet Bloc  
 Selected Years, 1950-61, and 1965 Plan

Country	1950	1955	1958	1960	1961	1965 Plan
US <sup>b</sup> .....	325,000*	421,000*	474,000*	575,000*	575,000*	
Sino-Soviet Bloc <sup>c</sup> .....	<b>25,900</b>	<b>57,800</b>	<b>101,000</b>	N.A.	N.A.	
USSR.....	20,100*	42,500*	76,800*	98,500*	108,000*	146,000*
Communist China.....	380*	2,520*	6,960*	N.A.	N.A.	
North Korea.....	27*	138*	213*	332*	339*	
North Vietnam.....	N.A.	4*	15*	56*	65*	
European Satellites <sup>c</sup> .....	<b>5,380</b>	<b>12,600</b>	<b>16,600</b>	<b>20,700</b>	<b>22,600</b>	
Albania.....	35* <sup>d</sup>	93* <sup>d</sup>	234*	327*	353*	480*
Bulgaria.....	300*	735*	1,150*	1,700*	2,160*	3,000* <sup>e</sup>
Czechoslovakia.....	1,260*	2,720*	3,980*	5,108*	5,373*	9,400* <sup>e</sup>
East Germany.....	1,945*	3,194*	4,147*	4,984*	5,076*	6,800*
Hungary.....	140	950	1,000	1,580	1,689	2,000 <sup>e</sup>
Poland.....	1,200*	3,700*	4,600*	5,400*	6,000*	
Rumania.....	500*	1,200*	1,500*	1,600*	1,914*	3,400* <sup>e</sup>

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data refer to traffic by trucks, whether on improved roads or not, but exclude primitive modes of transportation.

<sup>b</sup> Including urban and rural traffic.

<sup>c</sup> Data refer to traffic by state automotive transport organizations, cooperatives, branch enterprises, and transport units of industries, plants, offices, and the like.

<sup>d</sup> Performance by public carriers only.

<sup>e</sup> Estimated performance for 1965.

Table 120  
Highway Freight Traffic, in Tons Carried, \* in the Sino-Soviet Bloc  
Selected Years, 1950-61, and 1965 Plan

Country	1950	1955	1958	1960	1961	1965 Plan
Sino-Soviet Bloc <sup>b</sup> .....	<b>2,210*</b>	<b>4,580*</b>	<b>7,760*</b>	<b>N.A.</b>	<b>N.A.</b>	
USSR.....	1,859.2*	3,730.0*	6,474.4*	8,492.7*	9,310.0*	12,300*
Communist China.....	9.2*	49.0*	176.3*	N.A.	N.A.	
North Korea.....	1.1*	8.8*	17.5*	34.4*	32.6*	
North Vietnam.....	N.A.	0.1*	0.4*	1.9*	2.2*	
European Satellites <sup>b</sup> .....	<b>336*</b>	<b>796*</b>	<b>1,090*</b>	<b>1,420*</b>	<b>1,670*</b>	
Albania.....	0.5* <sup>c</sup>	1.4* <sup>c</sup>	8.0*	11.2*	12.1*	
Bulgaria.....	20.0*	37.8*	68.3*	105.0*	173.0*	185* <sup>d</sup>
Czechoslovakia.....	111.3*	222.5*	334.8*	428.4*	516.2*	623*
East Germany.....	87.3*	169.1*	226.5*	270.3*	288.0*	352*
Hungary.....	10.9*	59.6*	71.2*	121.5*	128.0*	154*
Poland.....	93.9*	273.0*	306.1*	361.0*	413.6*	500*
Rumania.....	12.5*	33.0*	79.0*	123.0*	143.4*	225* <sup>d</sup>

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data refer to traffic by trucks, whether on improved roads or not, but exclude primitive modes of transportation.

<sup>b</sup> Data refer to traffic by state automotive transport organizations, cooperatives, branch enterprises, and transport units of industries, plants, offices, and the like.

<sup>c</sup> Performance by public carriers only.

<sup>d</sup> Estimated performance for 1965.

Table 121  
Inland Water Freight Traffic, in Ton-Kilometers  
Selected Years, 1950-61, and 1965 Plan

Million Metric Ton-Kilometers

Country	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>a</sup> .....	112,000*	200,000*	223,000*	253,000*	N.A.*	
US <sup>b</sup> .....	75,417*	142,584*	159,328*	176,400*	N.A.*	
Sino-Soviet Bloc <sup>c</sup> .....	52,100	88,200	117,000	N.A.	N.A.	
USSR.....	46,200*	67,748*	85,477*	99,602*	105,900*	140,000*
Communist China.....	1,950	14,250	25,070	N.A.	N.A.	
North Vietnam.....	N.A.	4*	28*	81*	94*	
European Satellites.....	3,920*	6,210*	6,710*	7,910*	8,500*	
Bulgaria.....	158*	372*	391*	615*	674*	
Czechoslovakia.....	764*	1,485*	1,784*	1,962*	2,296*	
East Germany.....	1,579*	2,168*	2,398*	2,252*	2,237*	3,600*
Hungary.....	478*	765*	857*	1,308*	1,308*	
Poland.....	269*	775*	696*	904*	960*	
Rumania.....	669*	648*	585*	865*	1,025*	

Other NATO Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
Belgium.....	2,998*	5,226*	Netherlands...	10,083*	20,020*	West Germany...	16,752*	40,271*
France.....	6,730*	10,773*	UK.....	290*	276*			

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>b</sup> Excluding traffic on the Great Lakes. Reporting coverage increased slightly after 1952.

<sup>c</sup> Data for North Korea are included with ocean freight traffic in Table 123 (p. 120, below).

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INLAND WATER FREIGHT TRAFFIC

IN TONS CARRIED

Table 122  
Inland Water Freight Traffic, in Tons Carried  
Selected Years, 1950-61, and 1965 Plan

Country	Million Metric Tons Carried					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>a</sup> .....	510*	694*	722*	821*	N.A.*	
US <sup>b</sup> .....	270.06*	328.90*	332.48*	358.60*	N.A.*	
Sino-Soviet Bloc.....	113	190	260	N.A.	N.A.	
USSR.....	91.78*	139.49*	178.26*	210.32*	223.80*	261.4*
Communist China.....	5.62	26.67	56.66	N.A.	N.A.	
North Vietnam.....	N.A.	0.05*	0.23*	0.60*	0.69*	
European Satellites.....	15.2*	23.3*	25.2*	24.9*	26.9*	
Bulgaria.....	0.43*	0.92*	1.15*	1.56*	1.72*	
Czechoslovakia.....	1.34*	2.84*	3.25*	3.53*	4.15*	5.7*
East Germany.....	10.00*	12.90*	14.86*	12.63*	13.58*	20.5*
Hungary.....	1.11*	1.75*	1.89*	2.31*	2.31*	2.7*
Poland.....	1.24*	3.32*	2.48*	2.95*	3.10*	5.2*
Rumania.....	1.11*	1.60*	1.56*	1.91*	2.05*	

Other NATO Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
Belgium.....	36.28*	61.16*	Italy.....	1.42*	2.54*	UK.....	10.55*	9.78*
France.....	42.45*	68.05*	Netherlands.....	76.92*	149.67*	West Germany..	71.86*	171.30*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>b</sup> Including all inland, intraport, and local water traffic and excluding Great Lakes traffic.

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Table 123  
 Ocean Freight Traffic, in Ton-Kilometers, \* in the Sino-Soviet Bloc  
 Selected Years, 1950-61, and 1965 Plan

Million Metric Ton-Kilometers

Country	1950	1955	1958	1960	1961	1965 Plan
Sino-Soviet Bloc.....	<b>50,800</b>	<b>99,400</b>	<b>157,000</b>	N.A.	N.A.	
USSR <sup>b</sup> .....	39,700*	68,900*	106,300*	131,500*	158,400*	235,000*
Communist China <sup>c</sup> .....	950	10,190	18,840	N.A.	N.A.	
North Korea <sup>d</sup> .....	27*	23*	69*	136*	165*	
North Vietnam <sup>e</sup> .....	N.A.	4*	34*	59*	70*	
European Satellites.....	<b>10,100*</b>	<b>20,300*</b>	<b>31,600*</b>	<b>58,200</b>	N.A.	
Albania <sup>c</sup> .....	11*	17*	29*	287	N.A.	
Bulgaria <sup>c</sup> .....	325*	919*	2,099*	4,400	N.A.	
Czechoslovakia.....	0*	2,272*	2,367*	5,370	N.A.	
East Germany <sup>c</sup> .....	Negl.*	480*	3,738*	10,470*	N.A.	
Hungary.....	59*	82*	129*	230*	N.A.	
Poland <sup>f</sup> .....	9,090*	15,806*	22,335*	36,320	N.A.	
Rumania <sup>c</sup> .....	611*	712*	952*	1,100	N.A.	

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data include the performance of vessels of less than 1,000 gross register tons (GRT).

<sup>b</sup> Including Caspian Sea, Danube River, and domestic coastal and intercoastal traffic.

<sup>c</sup> Coastal traffic only.

<sup>d</sup> Including both modern coastal and inland water traffic.

<sup>e</sup> Including both coastal and international freight traffic.

<sup>f</sup> Except for 1950, perhaps excluding the performance of some ships flying the Polish flag but under the control of the Chinese-Polish Shipbrokers Corporation. At the end of 1960, there were 18 of these ships totaling 130,000 GRT. It is possible that the performance of one-half of these is included, but no definite information is available.

Table 124  
 Passenger-Kilometers Flown by Scheduled Airlines in the US and the USSR  
 Selected Years, 1950-61, and 1965 Plan

Country	Billion Passenger-Kilometers					
	1950	1955	1958	1960	1961	1965 Plan
US <sup>a</sup> .....	16.48*	39.17*	50.67*	62.54*	64.10*	
USSR.....	1.18*	2.80*	6.40*	12.10*	16.40*	45* <sup>b</sup>

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Revenue passenger-kilometers.

<sup>b</sup> Estimated plan for 1965.

Table 125  
 Civil Airfreight Traffic, in Ton-Kilometers, <sup>a</sup> in the US and the USSR  
 Selected Years, 1950-61, and 1965 Plan

Country	Million Metric Ton-Kilometers					
	1950	1955	1958	1960	1961	1965 Plan
US <sup>b</sup> .....	497*	842*	1,063*	1,390*	1,463*	
USSR.....	137*	252*	400*	562*	802*	2,000* <sup>c</sup>

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data refer to express, freight, and mail traffic.

<sup>b</sup> Revenue traffic, excluding charter flights.

<sup>c</sup> Estimated performance for 1965.

PETROLEUM PIPELINE TRANSPORTATION  
IN TON-KILOMETERS

Table 126  
Inventory of Aircraft in Scheduled Airlines \* in the US and the USSR  
1958-61

Country	Units			
	1958	1959	1960	1961
Total airliners in the US . . . . .	1,880*	1,850*	1,840*	1,860*
Jet . . . . .	9*	84*	202*	319*
Turboprop . . . . .	103*	213*	227*	257*
Piston . . . . .	1,772*	1,550*	1,408*	1,279*
Transport helicopters . . . . .	22*	23*	25*	19*
Total airliners in the USSR . . . . .	1,660	1,780	1,870	1,940
Jet . . . . .	75	155	190	200
Turboprop . . . . .	40	125	180	270
Piston . . . . .	1,550	1,500	1,500	1,470
Transport helicopters . . . . .	40	100	225	300

\* An asterisk indicates that the data are unclassified.  
\* Excluding light aircraft.

Table 127  
Petroleum Pipeline Transportation, in Ton-Kilometers, in the US and the Sino-Soviet Bloc  
Selected Years, 1950-61, and 1965 Plan

Country	Billion Metric Ton-Kilometers					
	1950	1955	1958	1960	1961	1965 Plan
US . . . . .	188.6*	296.7*	308.5*	344.6*	353.0*	
Sino-Soviet Bloc * . . . . .	5.1*	15.1*	34.6*	52.2*	61.0*	
USSR . . . . .	4.9*	14.7*	33.8*	51.2*	60.0*	185*
European Satellites . . . . .	0.2*	0.4*	0.8*	1.0*	1.0*	
Rumania . . . . .	0.2*	0.4*	0.8*	1.0*	1.0*	

\* An asterisk indicates that the data are unclassified.  
\* Performance in the countries of the Sino-Soviet Bloc other than in the USSR and Rumania is negligible.

Table 128  
Petroleum Pipeline Transportation, in Tons Carried, in the US and the Sino-Soviet Bloc  
Selected Years, 1950-61, and 1965 Plan

Country	Million Metric Tons Carried					
	1950	1955	1958	1960	1961	1965 Plan
US <sup>a</sup> .....	240.6*	343.8*	361.2*	408.8*	N.A.*	
Sino-Soviet Bloc <sup>b</sup> .....	16.3*	53.7*	98.6*	136*	149*	
USSR.....	15.3*	51.7*	94.9*	129.9*	143.9*	240*
European Satellites.....	1.0*	2.0*	3.7*	5.6*	5.3*	
Rumania.....	1.0*	2.0*	3.7*	5.6*	5.3*	

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data refer to tons originated, thus giving a more realistic comparison with countries of the Sino-Soviet Bloc.

<sup>b</sup> Performance in the countries of the Sino-Soviet Bloc other than in the USSR and Rumania is negligible.

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Table 129  
 Inventory of Locomotives <sup>a</sup>  
 Selected Years, 1950-61

Country	Units				
	1950	1955	1958	1960	1961
NATO <sup>b</sup>	108,000*	89,500*	84,500*	80,700*	N.A.*
US	42,951*	33,533*	31,616*	31,178*	N.A.*
Sino-Soviet Bloc	N.A.	61,600	63,000	N.A.	N.A.
USSR	31,468*	34,820*	35,971*	34,007*	31,521*
Communist China	N.A.	3,500	4,250	N.A.	N.A.
North Korea	N.A.	N.A.	N.A.	350	360
North Vietnam	N.A.	60	60	70	80
European Satellites	N.A.	23,200	22,800	23,200	23,300
Albania	7	7	7*	9*	9*
Bulgaria	571	604	625	635	645
Czechoslovakia	4,050*	5,134*	5,144*	5,230*	5,284*
East Germany	6,762	6,476	5,670	6,023	5,980
Hungary	2,231*	2,322*	2,400	2,460	2,500
Poland	N.A.	5,600	5,910	5,800	5,819
Rumania	N.A.	3,048	2,996	3,012	3,014

Other NATO Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
Belgium	2,728* <sup>o</sup>	1,494*	Italy	5,484* <sup>o</sup>	5,227* <sup>d</sup>	Portugal	516*	457*
Canada	4,655*	4,720* <sup>d</sup>	Luxembourg	158*	121*	Turkey	999* <sup>o</sup>	983*
Denmark	795*	663*	Netherlands	962*	684*	UK	19,741* <sup>o</sup>	16,047* <sup>t</sup>
France	13,390* <sup>o</sup>	7,963*	Norway	581*	455*	West Germany	14,801* <sup>o</sup>	10,442*
Greece	249*	231*						

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data refer to diesel-electric, steam, and electric locomotives.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>o</sup> For standard-gauge railroads only.

<sup>d</sup> Data are for 1959 and are included in the total for 1960.

<sup>o</sup> For government railroads only.

<sup>t</sup> Including Northern Ireland.

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Table 130  
 Inventory of Railroad Freight Cars \* in Selected Countries of NATO and of the Sino-Soviet Bloc  
 Selected Years, 1950-61

Country	Thousand Units				
	1950	1955	1958	1960	1961
US <sup>b</sup> . . . . .	2,009.0*	1,997.0*	1,999.6*	1,933.4*	N.A.*
USSR <sup>c</sup> . . . . .	784.1*	832.2*	903.8*	948.9*	965.0*
Communist China <sup>d</sup> . . . . .	50.5	73.8	96.3	131.9	132.1
North Korea <sup>d</sup> . . . . .	N.A.	N.A.	N.A.	10.4	10.8
North Vietnam . . . . .	N.A.	0.7	0.9	1.0	1.3
Albania <sup>e</sup> . . . . .	N.A.	0.2	0.3	0.5	0.6
Bulgaria . . . . .	12.8*	16.3*	18.8*	22.8*	23.3*
Czechoslovakia . . . . .	85.1*	119.7*	128.4*	134.0*	137.7*
East Germany <sup>e</sup> . . . . .	99.8	144.7	147.0	149.4	148.9
Hungary <sup>e</sup> . . . . .	52.2*	58.2*	59.5*	62.0*	64.6*
Poland <sup>e</sup> . . . . .	178.0	210.0	232.0	249.0	253.3
Rumania . . . . .	N.A.	52.2*	55.0*	55.5*	59.7*

Other NATO Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
Belgium . . . . .	93.8*	74.0*	Italy . . . . .	141.8*	134.0*	Portugal . . . . .	10.4*	10.2*
Canada . . . . .	175.6*	199.4* <sup>f</sup>	Luxembourg . . . . .	5.4*	3.6*	Turkey . . . . .	14.5*	17.2*
Denmark <sup>g</sup> . . . . .	15.8*	12.6*	Netherlands . . . . .	24.6*	22.2*	UK . . . . .	1,113.0*	967.0*
France . . . . .	423.8*	362.2*	Norway . . . . .	12.4*	11.9*	West Germany . . . . .	301.9*	309.6*
Greece . . . . .	3.3*	6.3*						

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data refer to cars of two, four, or more axles. The size of the car is given in the footnotes if it is known. Because of the lack of comparability in data, totals for NATO and the Sino-Soviet Bloc are omitted.

<sup>b</sup> All freight cars have four axles or more.

<sup>c</sup> Of the freight cars in the USSR, 75 to 80 percent were four-axle or multiaxle units in 1961.

<sup>d</sup> Most freight cars have four axles.

<sup>e</sup> Excluding narrow-gauge rolling stock.

<sup>f</sup> Data are for 1959.

<sup>g</sup> Cars for state railroads only.

Table 131  
 Inventory of Trucks  
 Selected Years, 1950-61, and 1965 Plan

Country	Thousand Units					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>a</sup> .....	11,300*	14,700* <sup>b</sup>	16,200*	18,200*	N.A.*	
US.....	8,272.2*	9,893.4*	10,659.3*	11,967.7*	N.A.*	
Sino-Soviet Bloc.....	N.A.	1,600	2,410	N.A.	N.A.	
USSR.....	602.3*	1,275.0*	1,947.7*	2,550.0*	2,850.0*	3,350* <sup>c</sup>
Communist China.....	40.0	65.0	96.0	N.A.	N.A.	
North Korea.....	N.A.	N.A.	N.A.	20.0	23.0	
North Vietnam.....	N.A.	N.A.	N.A.	N.A.	2.0	
European Satellites.....	N.A.	265	368	410	435	
Albania.....	1.2	1.8	2.5*	3.0*	3.2*	
Bulgaria.....	N.A.	9.0*	19.0*	20.0*	20.6*	
Czechoslovakia.....	N.A.	61.5*	82.0*	90.0*	95.0*	
East Germany.....	N.A.	89.1	105.8	115.0	120.0	
Hungary.....	4.4	18.0	22.3	25.5	27.5	
Poland.....	39.5*	73.2*	102.4*	117.0*	124.8*	156*
Rumania.....	N.A.	12.0	33.5	40.0	44.0	

Other NATO Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
Belgium <sup>d</sup> .....	128.0*	167.3*	Iceland.....	4.7* <sup>e</sup>	5.6*	Portugal.....	27.7*	64.6*
Canada.....	617.2*	1,189.3*	Italy.....	225.9*	611.6*	Turkey.....	12.7*	48.1* <sup>f</sup>
Denmark.....	58.2*	165.7*	Luxembourg...	4.2*	8.4*	UK.....	905.0*	1,406.0*
France.....	563.0*	1,597.4*	Netherlands <sup>d</sup> ..	71.4*	158.2*	West Germany <sup>g</sup> ..	382.6*	686.7*
Greece.....	N.A.*	30.7*	Norway.....	47.6*	107.4*			

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>b</sup> The total includes data for 1954 for Belgium and Greece.

<sup>c</sup> Estimated inventory for 1965.

<sup>d</sup> Data are as of 1 August.

<sup>e</sup> Including buses.

<sup>f</sup> Data are for 1959 and are included in the total for 1960.

<sup>g</sup> Data are as of 1 July.

Table 132  
 Inventory of Merchant Fleet <sup>a</sup>  
 Selected Years, 1950-61, and 1965 Plan

Country	1950		1958		1960		1961		1965 Plan <sup>b</sup>	
	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT
NATO <sup>c</sup>	9,530*	60,400*	10,500*	72,700*	10,800*	79,800*	10,600*	81,400*		
US <sup>d</sup>	3,516*	26,114*	3,047*	23,840*	2,960*	23,870*	2,810*	23,018*		
Sino-Soviet Bloc	573	1,880	963	3,550	1,170	4,740	1,250	5,260		
USSR <sup>e</sup>	471	1,564	721	2,629	829	3,283	871	3,586	1,146	5,611
Communist China <sup>f</sup>	41	103	109	327	147	516	156	564		
North Korea	0*	0*	0*	0*	0*	0*	1*	2*		
European Satellites	61*	216*	133*	594*	194*	942*	225*	1,110*		
Albania	N.A.	N.A.	N.A.	N.A.	4*	8*	6*	21*	12*	35*
Bulgaria	4*	10*	9*	30*	15*	46*	21*	90*	42*	160*
Czechoslovakia	0*	0*	5*	33*	11*	85*	10*	70*	20*	200*
East Germany	0*	0*	15*	81*	29*	174*	35*	215*	73*	330*
Hungary	2*	2*	6*	7*	8*	10*	9*	11*	22*	50*
Poland <sup>g</sup>	49*	176*	91*	412*	119*	585*	129*	650*	220*	1,000*
Rumania	6*	28*	7*	31*	8*	34*	15*	53*	30*	125*
Cuba <sup>b</sup>	10*	25*	15*	41*	28*	89*	28*	89*		

Country	1950		1961		1965 Plan <sup>b</sup>	
	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT
Belgium	416*	616*				
Canada	910*	302*				
Denmark	1,082*	2,044*				
France	2,825*	4,649*				
Greece	1,268*	5,348*				

Country	1950		1961		1965 Plan <sup>b</sup>	
	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT
Iceland						
Italy						
Netherlands						
Norway						
Portugal						
Turkey						
UK						
West Germany						

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data refer to ships of 1,000 gross register tons (GRT) or more and, unless otherwise indicated, exclude coastal passenger ships.

<sup>b</sup> Estimated plan for 1965.

<sup>c</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." Data are as of midyear.

<sup>d</sup> Including both private and government-owned fleets.

<sup>e</sup> Excluding the Caspian Sea fleet.

<sup>f</sup> Including coastal passenger ships.

<sup>g</sup> Except for 1950, data include a varying number of ships flying the Polish flag but under the control of the Chinese-Polish Shipbrokers Corporation. At the end of 1960, there were 18 of these ships totaling 130,000 GRT.

<sup>b</sup> Data are as of midyear.

Table 133

Inventory of Tanker Fleet -  
Selected Years, 1950-61, and 1965 Plan

Country	1950		1958		1960		1961		1965 Plan <sup>b</sup>	
	Number	Thousand GRT	Number	Thousand GRT						
NATO <sup>e</sup> .....	1,580*	12,800*	1,990*	20,900*	2,160*	25,400*	2,140*	26,800*		
US <sup>d</sup> .....	481*	4,368*	384*	4,162*	428*	4,910*	424*	5,014*		
Sino-Soviet Bloc.....	37	141	118	631	151	945	167	1,120		
USSR <sup>e</sup> .....	28	120	102	563	128	820	136	923	189	1,705
Communist China.....	7	9	10	18	11	22	13	40		
European Satellites.....	2*	12*	6*	50*	12*	103*	18*	155*		
Bulgaria.....	0*	0*	0*	0*	2*	10*	6*	41*	3*	17*
Czechoslovakia.....	0*	0*	0*	0*	1*	13*	1*	13*	2*	25*
East Germany.....	0*	0*	2*	16*	4*	33*	6*	49*	6*	55*
Poland.....	2*	12*	4*	34*	5*	47*	5*	52*	9*	100*
Rumania.....	0*	0*	0*	0*	0*	0*	0*	0*	1*	13*
Cuba <sup>f</sup> .....	0*	0*	2*	3*	2*	3*	2*	3*		

Country	1950		1961	
	Number	Thousand GRT	Number	Thousand GRT
Belgium.....	75*	172*		
Canada.....	146*	144*		
Denmark.....	164*	864*		
France.....	579*	2,025*		
Greece.....	97*	1,221*		

Country	1950		1961	
	Number	Thousand GRT	Number	Thousand GRT
Iceland.....	0*	12*		
Italy.....	525*	1,750*		
Netherlands.....	546*	1,330*		
Norway.....	2,445*	6,557*		
Portugal.....			41*	107*
Turkey.....			30*	73*
UK.....			3,774*	6,891*
West Germany.....			29*	630*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data refer to ships of 1,000 gross register tons (GRT) or more and whaling tankers.

<sup>b</sup> Estimated plan for 1965.

<sup>c</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." Data are as of midyear.

<sup>d</sup> Including both private and government-owned fleets.

<sup>e</sup> Excluding the Caspian Sea fleet.

<sup>f</sup> Data are as of midyear.

Table 134  
Value of Construction <sup>a</sup> in the US and the Sino-Soviet Bloc  
Selected Years, 1950-61, and 1965 Plan

Country	Unit of Measure	1950	1955	1958	1960	1961	1965 Plan
US.....	Billion 1954 dollars.....	35.4*	45.6*	44.5*	47.5*	49.1*	
USSR <sup>b</sup> .....	Billion (New) rubles <sup>c</sup> .....	7.1*	12.8*	19.3*	24.2*	N.A.	39.0* <sup>d</sup>
Communist China.....	Billion yuan <sup>e</sup> .....	N.A.	5.58*	16.0*	N.A.	N.A.	
North Korea.....	Million 1950 won.....	N.A.	170*	205*	231*	266*	
Albania <sup>f</sup> .....	Billion 1958 leks.....	1.44*	3.16*	4.72*	6.10*	6.95*	8.90* <sup>d</sup>
Bulgaria <sup>f</sup> .....	Million 1961 (New) leva.....	121.6*	230.5*	289.2*	463.2*	469.0*	825.0* <sup>d</sup>
Czechoslovakia.....	Billion 1959 korunas.....	10.5*	19.9*	26.3*	34.1*	36.0*	51.4* <sup>g</sup>
East Germany.....	Billion DME <sup>h</sup> .....	2.43*	4.30*	5.68*	7.42*	7.09	11.45
Hungary.....	Billion current forints.....	11.5*	18.6*	23.6*	30.3*	31.8*	
Poland.....	Billion 1956 zlotys.....	15.2*	36.0*	40.5*	50.2*	53.5*	
Rumania.....	Billion 1 January 1959 lei...	3.33*	7.89*	8.58*	11.4*	13.8*	19.0*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Because of the difficulty of determining valid rates of exchange, data are not presented in terms of a common currency. Rates of exchange are given in Table 152 (p. 148, below), but these rates of exchange should be used with caution because they have been established and maintained arbitrarily and do not necessarily reflect the true ratio for construction. For example, the estimated ruble-dollar ratio for construction in the USSR in 1955 prices is about 0.7 new ruble to US \$1.

<sup>b</sup> Data include the state and cooperative sector, private housing construction, and construction-installation work performed by collective farms (excluding fishing artels).

<sup>c</sup> Based on 1 July 1955 prices.

<sup>d</sup> Estimated value of construction for 1965.

<sup>e</sup> Believed to be in current prices.

<sup>f</sup> Value of state construction.

<sup>g</sup> Estimated value of construction in the socialist sector for 1965.

<sup>h</sup> Deutsche Mark East (East German marks). Believed to be in current prices.

Table 135

Total Housing Construction \* in the US and the Sino-Soviet Bloc  
Selected Years, 1950-61, and 1965 Plan

Country	Thousand Square Meters					
	1950	1955	1958	1960	1961	1965 Plan
US.....	143,000*	161,000*	153,000*	146,000*	151,000*	
USSR.....	39,200*	55,400*	97,200*	105,800*	99,000* <sup>b</sup>	
Communist China °.....	N.A.	N.A.	N.A.	N.A.	N.A.	
North Korea.....	N.A.	2,932*	3,311*	2,687*	2,630*	
North Vietnam.....	N.A.	N.A.	N.A.	518* <sup>d</sup>	264*	
Albania.....	32*	117*	185*	190*	210*	340* <sup>e</sup>
Bulgaria.....	2,000*	2,150*	2,350*	2,490*	2,400*	2,700* <sup>e</sup>
Czechoslovakia.....	1,985*	1,986*	2,045*	2,927*	3,445*	4,600* <sup>e</sup>
East Germany.....	1,800*	2,157*	3,750*	4,447*	4,530*	
Hungary.....	1,200*	1,490*	2,030*	2,040*	2,240*	
Poland.....	3,400*	4,800*	7,000*	7,700*	8,500*	
Rumania.....	2,192* <sup>f</sup>	2,904*	7,314*	7,007*	7,360*	

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data refer to the total housing space, including living rooms, bedrooms, dining area, and auxiliary space such as bathrooms, kitchens, closets, and inside hallways.

<sup>b</sup> Including 80 million square meters of urban housing and 19 million square meters of rural housing.

<sup>c</sup> Data for urban housing are as follows: for 1950, 2.5 million square meters; for 1955, 14.46 million square meters; and for 1958, 26.42 million square meters.

<sup>d</sup> Total area constructed during 1955-60.

<sup>e</sup> Estimated plan for 1965.

<sup>f</sup> Data are for 1951.

Table 136  
Production of Cement <sup>a</sup>  
Selected Years, 1950-61, and 1965 Plan

Country	Thousand Metric Tons					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup> .....	82,600*	120,000*	130,000*	144,000*	152,000*	
US <sup>c</sup> .....	39,273*	52,993*	54,830*	56,063*	56,600*	
Sino-Soviet Bloc.....	20,400*	41,000*	61,800*	N.A.	N.A.	
USSR.....	10,194*	22,484*	33,308*	45,520*	50,900*	84,600*
Communist China.....	1,410*	4,500*	9,300*	N.A.	N.A.	
North Korea.....	380*	360*	1,244*	2,285*	2,262*	4,250* <sup>d</sup>
North Vietnam.....	N.A.	8*	302*	408*	453*	830* <sup>e</sup>
European Satellites.....	8,370*	13,600*	17,600*	23,000*	24,700*	
Albania.....	16*	45*	78*	73*	74*	230* <sup>e</sup>
Bulgaria.....	602*	812*	934*	1,586*	1,749*	3,000*
Czechoslovakia.....	1,998*	2,892*	4,110*	5,051*	5,343*	8,750*
East Germany.....	1,412*	2,971*	3,558*	5,032*	5,275*	8,000*
Hungary.....	797*	1,175*	1,302*	1,571*	1,601*	2,300* <sup>f</sup>
Poland.....	2,514*	3,813*	5,058*	6,599*	7,359*	11,120*
Rumania.....	1,028*	1,936*	2,572*	3,054*	3,308*	6,500*
Cuba.....	316*	424*	721*	400*	N.A.	

Other NATO Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Belgium <sup>g</sup> .....	3,557*	4,752*	Iceland.....	0*	N.A.* <sup>h</sup>	Portugal.....	573*	1,244*
Canada.....	2,655*	5,483*	Italy.....	5,143*	17,572*	Saar.....	208*	N.A.* <sup>i</sup>
Denmark.....	873*	1,575*	Luxembourg....	132*	N.A.*	Turkey.....	396*	2,032*
France.....	7,415*	15,685*	Netherlands....	593*	1,903*	UK.....	9,908*	14,381*
Greece.....	395*	1,882*	Norway.....	582*	1,226*	West Germany... 10,877*	27,212*	

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data refer, as nearly as possible, to all types of hydraulic cements used for construction.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Including portland, prepared masonry, natural, slag, and hydraulic lime cement.

<sup>d</sup> Midpoint of the range of planned production for 1967 of 4 million to 4.5 million metric tons.

<sup>e</sup> Estimated plan for 1965.

<sup>f</sup> Midpoint of the range of planned production for 1965 of 2.2 million to 2.4 million metric tons.

<sup>g</sup> Excluding natural cement.

<sup>h</sup> Production for 1960 amounted to 73,000 metric tons.

<sup>i</sup> Data for the Saar are included with West Germany.

Table 137  
Inventory of Radiobroadcasting Transmitters<sup>a</sup>  
Selected Years, 1950-61, and 1965 Plan

Country	1950			1958			1961			1965 Plan		
	AM	FM	Total	AM	FM	Total	AM	FM	Total	AM	FM	Total
	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units
NATO <sup>b</sup> .....	N.A.*	N.A.*	3,550*	N.A.*	N.A.*	5,270*	N.A.*	N.A.*	N.A.*	N.A.*	N.A.*	N.A.*
US <sup>c</sup> .....	2,232*	676*	2,908*	3,318*	571*	3,889*	3,602*	889*	4,491*			
Sino-Soviet Bloc <sup>d</sup> .....	368	3	371	449	79	528	N.A.	N.A.	N.A.			
USSR.....	160*	2*	162*	231	55*	286	280	83*	363	342*	220*	562*
Communist China.....	127	0	127	89*	0	89	N.A.	N.A.	N.A.			
North Korea.....	11	0	11	11	0	11	19*	0	19	23**	1*	24**
North Vietnam.....	N.A.	0	N.A.	N.A.	0	N.A.	11*	0	11	15**	0*	15*
European Satellites.....	70	1	71	118	24	142	141*	65	206			
Albania.....	5*	0	5	8*	0	8	9*	0	9	12	0	12
Bulgaria.....	5*	0	5	8*	0	8	8*	2*	10*	12**	11**	23**
Czechoslovakia.....	21*	0	21	33	1	34	39*	20*	59*	39**	38*	77**
East Germany.....	12*	1	13	22*	16*	38*	26*	27	53	32**	60	92*
Hungary.....	8	0	8	11	2*	13	13*	3*	16*	13**	8*	21**
Poland.....	12	0	12	22*	3*	25*	28*	7*	35*	28*	19*	47*
Rumania.....	7*	0	7	14	2	16	18*	6*	24*	18**	23*	41**

Other NATO Countries

Country	1950			1958			1950			1958		
	AM	FM	Total									
Belgium.....	13*	12*	25*	12*	12*	24*	12*	12*	24*	12*	12*	24*
Canada.....	236*	275*	511*	236*	275*	511*	236*	275*	511*	236*	275*	511*
Denmark.....	6*	21*	27*	6*	21*	27*	6*	21*	27*	6*	21*	27*
France <sup>f</sup> .....	81*	51*	132*	81*	51*	132*	81*	51*	132*	81*	51*	132*
Greece.....	18*	18*	36*	18*	18*	36*	18*	18*	36*	18*	18*	36*
Italy.....	68*	538*	606*	68*	538*	606*	68*	538*	606*	68*	538*	606*
Luxembourg.....	3*	3*	6*	3*	3*	6*	3*	3*	6*	3*	3*	6*
Netherlands.....	9*	9*	18*	9*	9*	18*	9*	9*	18*	9*	9*	18*
Norway.....	22*	37*	59*	22*	37*	59*	22*	37*	59*	22*	37*	59*
Portugal.....	25*	33*	58*	25*	33*	58*	25*	33*	58*	25*	33*	58*
Turkey.....	3*	5*	8*	3*	5*	8*	3*	5*	8*	3*	5*	8*
UK.....	42*	68*	110*	42*	68*	110*	42*	68*	110*	42*	68*	110*
West Germany.....	120*	312*	432*	120*	312*	432*	120*	312*	432*	120*	312*	432*

\* An asterisk indicates that the data are unclassified.  
<sup>a</sup> Data refer to amplitude-modulated (AM) and frequency-modulated (FM) types. Data in some cases may refer to operating radiobroadcasting stations. There may be more than one transmitter per station. Unless otherwise indicated, the date of information varies during the year.  
<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."  
<sup>c</sup> Data are as of the end of the year except for 1961, for which data are as of midyear.  
<sup>d</sup> Data are as of the end of the year.  
<sup>e</sup> Estimated number for 1965.  
<sup>f</sup> Including data for Algeria.

# PRODUCTION OF CEMENT IN SELECTED AREAS SELECTED YEARS, 1950-61, AND 1965 PLAN

Million metric tons

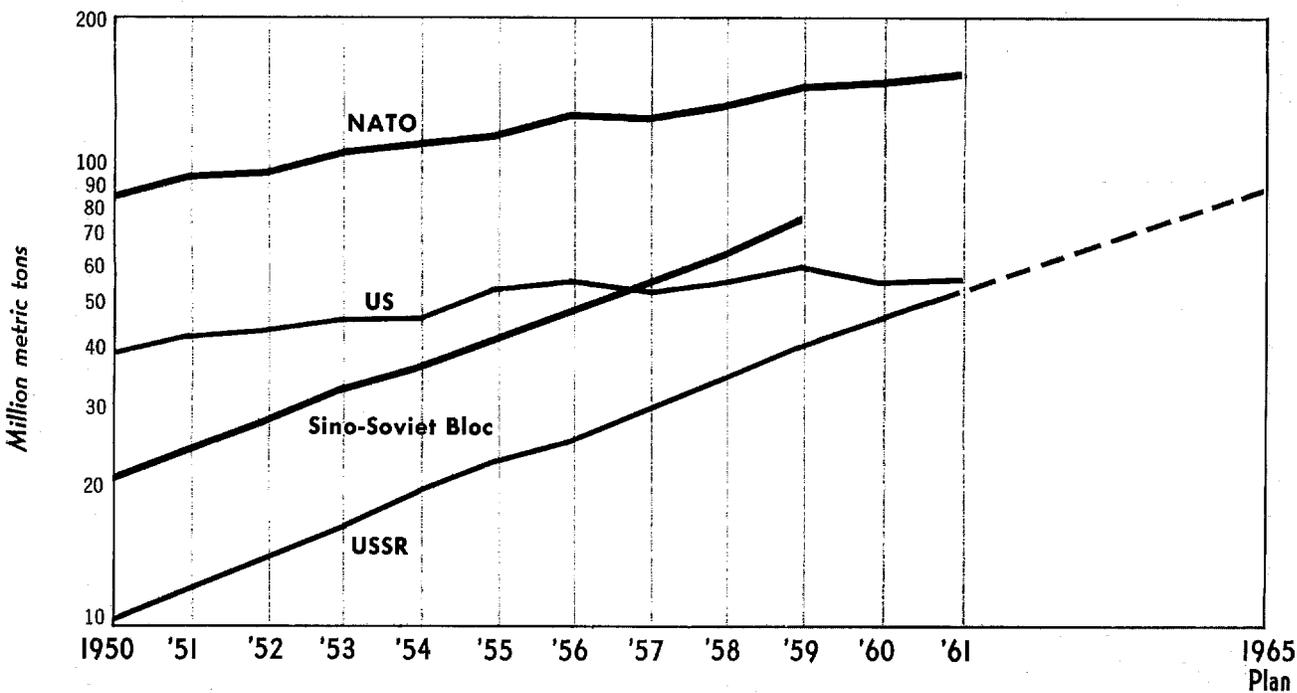
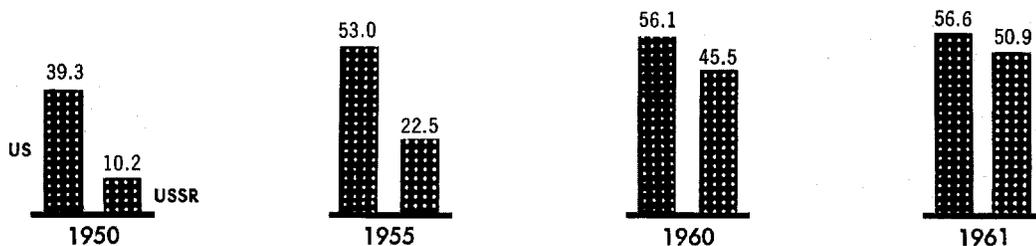


Table 138  
Inventory of Radio Receivers in Public Use <sup>a</sup>  
Selected Years, 1950-61, and 1965 Plan

Country	Thousand Units					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup>	<b>136,000* <sup>o</sup></b>	<b>192,000* <sup>o</sup></b>	<b>223,000* <sup>d</sup></b>	<b>239,000*</b>	<b>244,000*</b>	
US	98,000*	135,000*	155,000*	166,500*	170,000*	
Sino-Soviet Bloc	<b>10,100</b>	<b>26,500</b>	<b>40,200</b>	<b>N.A.</b>	<b>N.A.</b>	
USSR	1,100*	13,000*	21,700*	27,800*	30,500*	69,000*
Communist China	1,000	1,700	3,400	N.A.	N.A.	
North Korea	100*	81*	116*	149*	162*	227* <sup>o</sup>
North Vietnam	N.A.	N.A.	300*	370*	405*	545* <sup>o</sup>
European Satellites	<b>7,930*</b>	<b>11,700*</b>	<b>14,700*</b>	<b>17,100</b>	<b>18,500</b>	
Albania	9*	20*	32*	40*	44*	60* <sup>o</sup>
Bulgaria	201*	327*	587*	851*	979*	1,712* <sup>o</sup>
Czechoslovakia	2,420*	2,839*	3,055*	3,168*	3,254*	3,620* <sup>o</sup>
East Germany	3,490*	5,009*	5,378*	5,769*	6,063*	7,398* <sup>o</sup>
Hungary	618*	1,173*	1,699*	2,200	2,358	2,990 <sup>o</sup>
Poland	892*	1,649*	2,902*	3,796*	4,365*	7,635* <sup>o</sup>
Rumania	300*	654*	1,003*	1,283*	1,463*	2,472* <sup>o</sup>
Cuba	700* <sup>f</sup>	1,250* <sup>g</sup>	1,300*	1,300*	1,300*	

Other NATO Countries

Country	1950	1961	Country	1950	1961	Country	1950	1961
Belgium	1,395* <sup>h</sup>	2,630*	Iceland	35*	55*	Portugal	212* <sup>h</sup>	1,060*
Canada	2,177*	8,050* <sup>i</sup>	Italy	2,892*	8,917*	Turkey	363*	1,493*
Denmark	1,205* <sup>h</sup>	1,682*	Luxembourg	54* <sup>h</sup>	100*	UK <sup>j</sup>	12,244*	16,409*
France	6,890*	12,000*	Netherlands	1,957*	3,087*	West Germany	7,730*	16,645*
Greece	220*	1,034*	Norway	781*	1,334*			

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> When available, data refer to the number of radio receivers in use; otherwise, data refer to the number of licenses issued. Excluding wired loudspeaker receiving units.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." Data for the UK refer to licenses for combined sound and television sets.

<sup>o</sup> Except for Canada and the US, data refer to the number of licenses issued.

<sup>d</sup> Data for Belgium and Turkey are for the number of licenses issued.

<sup>o</sup> Estimated number for 1965.

<sup>f</sup> Data are for 1949.

<sup>g</sup> Data are for 1956.

<sup>h</sup> Data are for 1949 and are included in the total for 1950.

<sup>i</sup> Data are for 1960 and are included in the total for 1961.

<sup>j</sup> Licenses for combined sound and television sets.

Table 139  
 Inventory of Wired Loudspeakers in Public Use <sup>a</sup>  
 Selected Years, 1950-61, and 1965 Plan

Country	Thousand Units					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup> .....	N.A.*	1,830*	1,840* <sup>c</sup>	1,830*	1,820*	
Sino-Soviet Bloc.....	10,400	22,500	32,800	N.A.	N.A.	
USSR.....	9,685*	19,544*	27,117*	30,800*	32,200*	36,000*
Communist China.....	96*	438*	2,320*	N.A.	N.A.	
North Korea.....	N.A.	29*	108	634*	794*	1,334* <sup>d</sup>
European Satellites.....	613	2,460	3,250*	3,670	3,880	
Albania.....	0	7	18*	25	29	43 <sup>d</sup>
Bulgaria.....	26*	300*	471*	579*	634*	857* <sup>d</sup>
Czechoslovakia.....	N.A.	60*	411*	687*	813*	1,314* <sup>d</sup>
Hungary.....	2*	259*	264*	279*	298*	377* <sup>d</sup>
Poland.....	572*	1,319*	1,434*	1,371* <sup>e</sup>	1,343*	1,230*
Rumania.....	13*	510*	652*	725*	768*	940* <sup>d</sup>

Other NATO Countries

Country	1955	1961	Country	1955	1961	Country	1955	1961
Belgium.....	129*	112*	UK.....	1,078*	1,074*	West Germany...	93* <sup>f</sup>	161*
Netherlands.....	528*	478*						

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> As distinct from radio receivers, wired loudspeakers are connected to government-controlled distribution (wire-diffusion) centers. These centers receive normal radiobroadcasts and retransmit them to loudspeakers by wire or cable. Program reception on wired loudspeakers is thereby restricted to those radiobroadcasts sponsored by the government.

<sup>b</sup> NATO totals include only data for those NATO countries that are listed under "Other NATO Countries." Data refer to the number of licenses issued for wired loudspeakers. The date of information varies during the year.

<sup>c</sup> Including data for 1957 for Belgium.

<sup>d</sup> Estimated number for 1965.

<sup>e</sup> Plan data.

<sup>f</sup> Data are for 1954 and are included in the total for 1955.

Table 140  
 Inventory of Television Broadcasting Stations <sup>a</sup>  
 Selected Years, 1950-61, and 1965 Plan

Country	Units					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup> . . . . .	N.A.*	581*	1,020*	1,450*	1,760*	
US <sup>c</sup> . . . . .	107*	482*	546*	579*	543*	
Sino-Soviet Bloc <sup>d</sup> . . . . .	2	25	90*	N.A.	N.A.	
USSR <sup>e</sup> . . . . .	2*	12*	62*	94*	108*	164*
Communist China <sup>f</sup> . . . . .	0	0	3*	N.A.	N.A.	
European Satellites . . . . .	0	13	25*	74*	90	
Bulgaria . . . . .	0	0	1*	1*	2* <sup>g</sup>	11*
Czechoslovakia . . . . .	0	2*	6*	15*	17	25 <sup>h</sup>
East Germany . . . . .	0	8*	11*	38*	44*	68* <sup>h</sup>
Hungary . . . . .	0	1*	1*	7*	9*	17* <sup>h</sup>
Poland . . . . .	0	1*	5*	8*	11*	18* <sup>h</sup>
Rumania . . . . .	0	1	1*	5*	7*	15*
Cuba . . . . .	N.A.	9*	23*	24*	15*	

Other NATO Countries

Country	1955	1961	Country	1955	1961	Country	1955	1961
Belgium . . . . .	4*	10*	Luxembourg . . . . .	1*	1*	Saar . . . . .	1*	N.A. <sup>i</sup>
Canada . . . . .	26*	68*	Netherlands . . . . .	2*	7*	Turkey . . . . .	1*	1*
Denmark . . . . .	2*	11*	Norway . . . . .	1*	15*	UK . . . . .	15*	44*
France . . . . .	10*	121*	Portugal . . . . .	0*	7*	West Germany . . . . .	24*	386*
Italy . . . . .	12*	541*						

\* An asterisk indicates that the data are unclassified.  
<sup>a</sup> Unless otherwise indicated, data refer to stations broadcasting to the public and in some cases may refer to transmitters. There may be more than one transmitter per station.  
<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."  
<sup>c</sup> Data are as of the end of the year except for 1960-61, for which data are as of midyear.  
<sup>d</sup> Unless otherwise indicated, data for the Sino-Soviet Bloc include major stations only and exclude relay stations and local amateur stations.  
<sup>e</sup> Including amateur stations.  
<sup>f</sup> Including powerful relay stations and amateur stations.  
<sup>g</sup> Plan data.  
<sup>h</sup> Estimated number for 1965.  
<sup>i</sup> Data for the Saar are presumed to be included with West Germany.

Table 141  
 Inventory of Television Receivers in Public Use  
 Selected Years, 1950-61, and 1965 Plan

Country	Thousand Units					
	1950	1955	1958	1960	1961	1965 Plan
NATO *	N.A.*	47,000*	67,200* <sup>b</sup>	79,700*	86,000*	
US	10,600*	39,000*	49,800*	54,000*	55,500*	
Sino-Soviet Bloc	N.A.	870	3,260*	7,190	10,000*	
USSR	15*	823*	2,500*	4,800*	6,500*	17,500*
Communist China	0	0	Negl.*	N.A.	N.A.	
European Satellites	N.A.	46.7	763*	2,390	3,510*	
Bulgaria	0	0	Negl.*	5	7*	47* <sup>c</sup>
Czechoslovakia	N.A.	32*	328*	795*	1,084*	1,994* <sup>c</sup>
East Germany	N.A.	14*	318*	1,035*	1,600*	4,000*
Hungary	0	Negl.	16*	75*	104*	450*
Poland	N.A.	Negl.*	85*	426*	645*	1,700*
Rumania	0	Negl.	16*	55*	74*	150* <sup>c</sup>
Cuba	N.A.	160*	350*	500*	400*	

Other NATO Countries

Country	1955	1961	Country	1955	1961	Country	1955	1961
Belgium	70*	900*	Italy	250*	3,000*	Saar	1*	N.A.* <sup>e</sup>
Canada	2,000*	3,900* <sup>d</sup>	Luxembourg	Negl.*	7*	Turkey	Negl.*	1*
Denmark	7*	711*	Netherlands	60*	1,051*	UK	5,100*	12,000*
France	250*	2,800*	Norway	Negl.*	107*	West Germany	260*	5,888*
Iceland	N.A.*	1*	Portugal	N.A.*	88*			

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>b</sup> Excluding data for Iceland (see footnote a, above).

<sup>c</sup> Estimated number for 1965.

<sup>d</sup> Data are as of 1 March.

<sup>e</sup> Data for the Saar are presumed to be included with West Germany.

Table 142  
Number of Telephone Subscribers <sup>a</sup>  
Selected Years, 1950-61, and 1965 Plan

Country	Thousand Units					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup> .....	60,300*	81,000*	96,400*	108,000*	N.A.*	
US.....	43,004*	56,436*	66,888*	74,342*	N.A.*	
Sino-Soviet Bloc.....	2,930*	4,270	5,360	N.A.	N.A.	
USSR <sup>c</sup> .....	1,410*	1,930*	2,370*	2,700*	2,900*	4,740*
Communist China.....	230*	399*	629*	N.A.	N.A.	
North Korea.....	N.A.	17*	28*	51*	56*	76* <sup>d</sup>
North Vietnam.....	N.A.	2	4	6	6	9 <sup>d</sup>
European Satellites.....	1,290*	1,920	2,330	2,770	2,980	
Albania.....	1*	3	7	9	10	16 <sup>d</sup>
Bulgaria.....	78*	112*	140*	167*	176*	211* <sup>d</sup>
Czechoslovakia.....	451*	662*	790*	1,015*	1,108*	1,531*
East Germany.....	357*	481*	553*	603*	627*	719* <sup>d</sup>
Hungary.....	110*	183*	220*	240*	251*	297* <sup>d</sup>
Poland.....	192*	338*	446*	534*	595*	840*
Rumania.....	103*	145*	174*	201*	211*	251* <sup>d</sup>
Cuba.....	121*	142*	170*	200*	N.A.*	

Other NATO Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
Belgium.....	687*	1,143*	Iceland.....	21*	40*	Portugal.....	153*	395*
Canada.....	2,912*	5,728*	Italy.....	1,244*	3,861*	Turkey.....	65*	304*
Denmark.....	722*	1,072*	Luxembourg.....	23*	51*	UK <sup>f</sup> .....	5,376*	8,270*
France.....	2,406*	4,358*	Netherlands.....	782*	1,613*	West Germany...	2,393*	5,994*
Greece.....	82*	222*	Norway <sup>e</sup> .....	452*	724*			

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data for the Sino-Soviet Bloc refer to telephone subscribers, including both private and civil government (other than military) users. Data for NATO refer to telephones in use, including both public and private telephones that can be connected to a central exchange. The number of subscribers is less than the number of telephones in the same country, but no reliable ratio between the two can be supplied. Unless otherwise indicated, data are as of the end of the year.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Including telephones in booths.

<sup>d</sup> Estimated number for 1965.

<sup>e</sup> Data are as of midyear.

<sup>f</sup> Data are as of 31 March of the following year.

Table 143  
Number of Long-Distance Telephone Calls <sup>a</sup>  
Selected Years, 1950-61, and 1965 Plan

Country	Million Calls					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup> .....	3,770*	4,930*	6,130* <sup>c</sup>	7,150* <sup>c</sup>	N.A.*	
US.....	2,049.8*	2,479.0*	3,042.5*	3,427.0*	N.A.*	
Sino-Soviet Bloc.....	371	585	685	N.A.	N.A.	
USSR.....	103.0*	135.0*	163.0*	185.0*	200.0*	326* <sup>d</sup>
Communist China.....	15.6	54.9	84.3	N.A.	N.A.	
North Korea.....	3.5*	7.7*	10.3*	14.5*	16.6*	25* <sup>d</sup>
European Satellites.....	249*	387*	427*	486*	518*	
Albania <sup>e</sup> .....	0.6*	1.1*	1.4*	1.6*	1.7*	2* <sup>d</sup>
Bulgaria.....	18.7*	29.9*	27.8*	31.0*	32.2*	37* <sup>d</sup>
Czechoslovakia.....	51.5*	71.6*	84.0*	100.6*	114.6*	170*
East Germany.....	94.5*	127.5*	148.3*	167.4*	174.0* <sup>f</sup>	245*
Hungary.....	13.9*	25.2*	26.5*	30.0*	31.6*	38* <sup>d</sup>
Poland.....	47.0*	97.0*	95.3*	108.0*	114.0*	144* <sup>d</sup>
Rumania.....	22.7*	34.9*	43.9*	47.8*	50.3*	60* <sup>d</sup>
Cuba.....	4.0*	6.0*	6.7*	8.6*	N.A.	

## Other NATO Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
Belgium.....	58.1*	123.7*	Iceland.....	1.2*	2.0* <sup>g</sup>	Portugal.....	27.7*	62.8*
Canada.....	117.9*	227.3*	Italy <sup>h</sup> .....	106.1*	451.8*	Turkey.....	8.7*	12.6*
Denmark.....	185.4*	249.2*	Netherlands.....	159.1*	456.0*	UK <sup>i</sup> .....	251.7*	425.0*
France.....	426.2*	N.A.*	Norway <sup>j</sup> .....	47.8*	52.6*	West Germany... 329.8*	1,075.2*	
Greece.....	3.8*	11.8*						

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data probably refer to domestic interurban telephone calls. Some references to calls, however, also include international telephone calls.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Including data for 1956 for France.

<sup>d</sup> Estimated performance for 1965.

<sup>e</sup> Probably including local and interurban calls.

<sup>f</sup> Plan data.

<sup>g</sup> Data are for 1959 and are included in the total for 1960.

<sup>h</sup> Three-minute units.

<sup>i</sup> Data are for the year beginning 1 July of the previous year.

<sup>j</sup> Data are for the year beginning 1 April.

Table 144  
 Number of Telegrams Sent over the Domestic System <sup>a</sup>  
 Selected Years, 1950-61, and 1965 Plan

Country	Million Telegrams					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup>	338*	293*	264*	250*	N.A.*	
US	178.9*	153.9*	131.9*	124.3*	N.A.*	
Sino-Soviet Bloc	207	266	293	N.A.	N.A.	
USSR	154.0*	203.0*	223.0*	241.0*	245.0*	281.0* <sup>c</sup>
Communist China <sup>d</sup>	11.4	17.0	22.0	N.A.	N.A.	
North Korea	1.2* <sup>e</sup>	0.8*	1.0*	1.1*	1.1*	1.3* <sup>c</sup>
European Satellites	40.4*	44.8*	47.0*	49.4*	50.4*	
Albania	0.9*	0.9*	0.8*	0.8*	0.8*	0.8* <sup>c</sup>
Bulgaria	6.8*	6.1*	6.2*	6.3*	6.4*	6.6* <sup>c</sup>
Czechoslovakia	8.2*	9.7*	10.1*	11.6*	12.0*	13.6* <sup>c</sup>
East Germany	9.8*	7.6*	8.6*	8.7*	8.8* <sup>f</sup>	9.4*
Hungary	4.0*	5.7*	6.5*	7.4*	7.7*	9.1* <sup>c</sup>
Poland <sup>d</sup>	7.2*	10.3*	10.1*	10.0*	10.0*	9.8* <sup>c</sup>
Rumania	3.5*	4.5*	4.7*	4.6*	4.7*	5.1* <sup>c</sup>

Other NATO Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
Belgium	4.9*	3.3*	Iceland	0.3*	0.3*	Portugal	2.4*	2.3*
Canada	20.0*	13.2*	Italy <sup>i</sup>	28.5*	35.2*	Turkey	7.1*	11.4*
Denmark <sup>g</sup>	1.9*	1.6*	Luxembourg	0.1*	0.2*	UK <sup>g</sup>	41.6*	13.6*
France <sup>h</sup>	16.5*	14.5*	Netherlands	3.5*	2.3*	West Germany <sup>g</sup> <sup>j</sup>	21.5*	19.5*
Greece	4.9*	4.6*	Norway <sup>i</sup>	6.1*	3.4*			

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data probably refer to all types of domestic telegrams sent, excluding international telegrams and cablegrams.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Estimated performance for 1965.

<sup>d</sup> Including domestic and international telegrams.

<sup>e</sup> Data are for 1949.

<sup>f</sup> Plan data.

<sup>g</sup> Data are for the year beginning 1 April.

<sup>h</sup> Including data for Algeria.

<sup>i</sup> Data are for the year beginning 1 July of the previous year.

<sup>j</sup> Telegrams sent to or received from East Germany and East Berlin are counted as domestic

Table 145  
 Number of Domestic Subscribers in the Subscriber Telegraph (TELEX) Network <sup>a</sup>  
 in the US and the Sino-Soviet Bloc  
 Selected Years, 1955-61, and 1965 Plan

Country	1955	1958	1960	1961	1965 Plan
US <sup>b</sup> .....	17,885*	23,131*	28,271*	30,500*	
Sino-Soviet Bloc .....	N.A.	<b>6,070</b>	<b>12,700</b>	<b>16,000</b>	
USSR .....	1,000*	1,600*	6,900*	9,500*	20,000*
European Satellites .....	N.A.	<b>4,470</b>	<b>5,850</b>	<b>6,530</b>	
Bulgaria .....	0	15* <sup>c</sup>	215	315	715
Czechoslovakia .....	N.A.	1,300	1,476*	1,601*	2,100*
East Germany .....	1,370	2,370	3,300*	3,700*	6,000*
Hungary .....	279*	347*	384*	412*	521* <sup>d</sup>
Poland .....	270*	435*	471*	499*	611* <sup>d</sup>

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Service to the subscriber is a two-way service in which a subscriber is provided with a teletype machine connected to a switchboard of a local subscriber telegraph exchange.

<sup>b</sup> In the US the domestic subscriber telegraph network usually is known as TWX rather than TELEX. Data refer to the number of customers or subscribers as of 1 October.

<sup>c</sup> Plan data.

<sup>d</sup> Estimated number for 1965.

Table 146  
Number of Letters Sent in the Domestic System <sup>a</sup>  
Selected Years, 1950-61, and 1965 Plan

Country	Million Letters					
	1950	1955	1958	1960	1961	1965 Plan
NATO <sup>b</sup> .....	70,100*	85,500*	94,700* <sup>o</sup>	101,000*	N.A.*	
US <sup>d</sup> .....	44,646*	54,722*	59,595*	63,115*	N.A.*	
Sino-Soviet Bloc.....	7,000*	9,690	11,200*	N.A.	N.A.	
USSR.....	2,607*	3,788*	3,985*	4,171*	4,074*	5,579*
Communist China.....	608*	1,068	1,628*	N.A.	N.A.	
North Korea.....	44* <sup>o</sup>	40*	52*	56*	58*	66* <sup>†</sup>
European Satellites.....	3,740*	4,790*	5,530*	6,140*	6,380*	
Albania.....	7*	9*	11*	12*	12*	14* <sup>†</sup>
Bulgaria.....	167*	185*	159*	162*	164*	170* <sup>†</sup>
Czechoslovakia.....	1,036*	1,320*	1,510*	1,676*	1,740*	1,996* <sup>†</sup>
East Germany.....	1,142*	1,282*	1,372*	1,429*	1,458*	1,573* <sup>†</sup>
Hungary.....	395*	469*	406*	505*	516*	560* <sup>†</sup>
Poland.....	845*	1,312*	1,820*	2,064*	2,185*	2,673* <sup>†</sup>
Rumania.....	146*	214*	248*	288*	302*	358* <sup>†</sup>

Other NATO Countries

Country	1950	1960	Country	1950	1960	Country	1950	1960
Belgium.....	1,930*	2,091*	Iceland.....	6*	12*	Portugal.....	221*	346*
Canada <sup>‡</sup> .....	2,707*	3,579*	Italy.....	2,496*	4,867*	Saar.....	84*	N.A.* <sup>i</sup>
Denmark <sup>‡</sup> .....	388* <sup>h</sup>	489*	Luxembourg.....	30*	41*	Turkey.....	120*	173*
France.....	3,386* <sup>h</sup>	5,733*	Netherlands.....	1,390*	1,841*	UK <sup>‡</sup> .....	8,128*	10,082*
Greece.....	124*	184*	Norway <sup>d</sup> .....	248*	372*	West Germany...	4,149*	7,739*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data refer to letters (airmail, ordinary mail, and registered mail), postcards, printed matter, business papers, small merchandise samples, small packets, and phonopost packets and include mail carried without a charge but exclude ordinary packages and letters with a declared value.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>o</sup> Including data for 1957 for Turkey.

<sup>d</sup> Data are for the year beginning 1 July of the previous year.

<sup>e</sup> Data are for 1949.

<sup>†</sup> Estimated performance for 1965.

<sup>‡</sup> Data are for the year beginning 1 April.

<sup>h</sup> Data are for 1951 and are included in the total for 1950.

<sup>i</sup> Data for the Saar are included with West Germany.

Table 147

Trade Turnover of the Sino-Soviet Bloc  
Selected Years, 1950-61, and 1965 Plan

Country	Million Current US \$					
	1950	1955	1958	1960	1961	1965 Plan <sup>a</sup>
USSR.....	3,251*	6,484*	8,647*	11,191*	11,700* <sup>b</sup>	16,500*
Communist China <sup>b</sup> .....	1,215	3,065	3,765	3,990	3,305	
North Korea.....	36* <sup>c</sup>	105*	235	296 <sup>b</sup>	N.A.	
North Vietnam.....	N.A.	76	155	158 <sup>b</sup>	N.A.	
Albania.....	29*	56*	108*	128* <sup>b</sup>	N.A.	
Bulgaria.....	N.A.	486*	740*	1,204*	N.A.	
Czechoslovakia.....	1,418*	2,229*	2,871*	3,745*	4,070*	5,500*
East Germany.....	876*	2,451*	3,570*	4,360*	N.A.	5,970*
Hungary.....	644*	1,155*	1,314*	1,850*	N.A.	2,500*
Poland.....	1,302*	1,851*	2,286*	2,820*	3,190	4,000*
Rumania.....	455* <sup>b</sup>	883* <sup>b</sup>	950*	1,365*	N.A.	2,050*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Estimated trade turnover for 1965.

<sup>b</sup> Estimated data.

<sup>c</sup> Data represent trade with the Sino-Soviet Bloc. Data on trade with the Free World are not available, but such trade is considered to be negligible.

Table 148  
 Trade Within the Sino-Soviet Bloc  
 Selected Years, 1950-61, and 1965 Plan

Country	Million Current US \$											
	Imports					Exports					Total Trade	
	1950	1960	1961	1965 Plan <sup>a</sup>	1950	1960	1961	1965 Plan <sup>a</sup>	1950	1960	1961	1965 Plan <sup>a</sup>
USSR.....	1,136*	3,822*	N.A.	N.A.	1,500*	4,083*	N.A.	N.A.	2,636*	7,905*	8,100* <sup>b</sup>	N.A.
Communist China <sup>b</sup> ..	205	1,205	730	N.A.	145	1,290	970	N.A.	350	2,495	1,700	N.A.
North Korea.....	N.A.	134 <sup>b</sup>	N.A.	N.A.	N.A.	150 <sup>b</sup>	N.A.	N.A.	36*	284 <sup>b</sup>	N.A.	N.A.
North Vietnam.....	N.A.	87 <sup>b</sup>	N.A.	N.A.	N.A.	46 <sup>b</sup>	N.A.	N.A.	N.A.	133 <sup>b</sup>	N.A.	N.A.
Albania.....	22*	74* <sup>b</sup>	N.A.	N.A.	7*	48* <sup>b</sup>	N.A.	N.A.	28*	122* <sup>b</sup>	N.A.	N.A.
Bulgaria.....	N.A.	520*	N.A.	N.A.	N.A.	471*	N.A.	N.A.	N.A.	991*	N.A.	N.A.
Czechoslovakia.....	N.A.	1,268*	1,350*	N.A.	N.A.	1,360*	1,395*	N.A.	N.A.	2,629*	2,745*	4,100*
East Germany.....	356*	1,560*	N.A.	2,055*	277*	1,624*	N.A.	2,305*	633*	3,184*	N.A.	4,360*
Hungary.....	179*	646*	N.A.	N.A.	217*	578*	N.A.	N.A.	396*	1,224*	N.A.	1,730*
Poland.....	N.A.	924*	990	1,400*	N.A.	789*	890	1,200*	769*	1,714*	1,880	2,600*
Rumania.....	N.A.	469*	N.A.	N.A.	N.A.	516*	N.A.	N.A.	N.A.	984*	N.A.	1,330*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Estimated trade for 1965.

<sup>b</sup> Estimated data.

Table 149  
 Trade of the Sino-Soviet Bloc with the Free World, by Area of the Free World  
 Selected Years, 1950-60

Reporting Areas	Imports (Free on Board) *			Exports (Cost, Insurance, and Freight) *			Thousand Current US \$
	1950	1955	1958	1950	1955	1958	
USSR							
Total reporting areas.....	301,098*	1,001,237*	1,546,034*	252,101*	635,606*	1,016,538*	1,399,250*
US.....	752*	252*	3,422*	39,192*	17,139*	17,558*	22,635*
Canada.....	168*	2,716*	19,495*	8,482*	642*	1,740*	3,294*
OECD countries.....	120,280*	270,155*	473,367*	719,437*	435,270*	577,857*	852,578*
Other European countries.....	64,802*	155,852*	170,675*	23,676*	101,411*	190,954*	208,072*
Near East and Africa.....	33,364*	70,633*	152,010*	27,821*	29,101*	129,457*	131,912*
Far East.....	54,521*	22,889*	132,684*	231,476*	10,597*	77,261*	137,112*
Oceania.....	26,121*	6,408*	1,933*	37,134*	2,188*	1,601*	1,436*
Latin America.....	1,090*	72,743*	47,651*	141,696*	39,258*	20,110*	42,211*
Communist China							
Total reporting areas.....	452,128*	317,263*	767,457*	687,822*	487,090*	749,210*	759,017*
US.....	46,548*	3*	5*	0*	195*	142*	253*
Canada.....	1,896*	1,030*	8,083*	8,949*	3,162*	5,542*	5,817*
OECD countries.....	56,869*	99,031*	452,193*	370,634*	128,352*	183,199*	259,607*
Other European countries.....	395*	12,455*	13,205*	7,716*	4,128*	5,662*	5,069*
Near East and Africa.....	3,543*	27,028*	55,045*	81,946*	26,438*	59,088*	59,164*
Far East.....	331,832*	165,038*	196,538*	147,335*	317,909*	484,086*	415,863*
Oceania.....	1,897*	6,761*	29,905*	32,264*	5,177*	9,473*	11,770*
Latin America.....	9,143*	5,917*	12,483*	38,978*	1,729*	2,018*	1,474*
European Satellites							
Total reporting areas.....	791,600*	1,158,058*	1,636,380*	2,174,073*	1,283,650*	1,685,541*	2,110,777*
US.....	25,949*	6,791*	109,152*	154,185*	38,666*	46,125*	58,290*
Canada.....	3,717*	7,996*	3,744*	28,278*	4,223*	9,260*	10,113*
OECD countries.....	583,395*	770,892*	1,003,209*	1,319,457*	825,170*	1,065,005*	1,377,826*
Other European countries.....	16,265*	70,205*	146,223*	175,801*	135,608*	202,752*	218,587*
Near East and Africa.....	29,664*	89,159*	153,993*	184,625*	94,145*	216,698*	230,669*
Far East.....	28,388*	67,635*	67,006*	128,110*	57,032*	53,166*	86,133*
Oceania.....	42,801*	44,680*	53,156*	52,845*	8,780*	9,841*	12,640*
Latin America.....	61,421*	100,700*	99,897*	130,777*	120,026*	82,694*	116,519*

TRADE

SECRET

TRADE OF SINO-SOVIET BLOC WITH  
THE FREE WORLD BY AREA

Sino-Soviet Bloc <sup>c</sup>

Total reporting areas.....	1,544,826*	2,076,994*	3,413,501*	4,428,707*	1,726,554*	2,416,179*	3,469,278*	4,293,002*
US.....	73,249*	7,046*	112,579*	193,377*	227,081*	65,656*	68,267*	83,839*
Canada.....	5,781*	11,742*	31,322*	45,709*	10,934*	8,027*	16,542*	19,224*
OECD countries.....	760,544*	1,140,097*	1,928,890*	2,413,397*	937,485*	1,388,926*	1,826,656*	2,493,679*
Other European countries.....	81,462*	238,512*	330,103*	376,375*	70,578*	241,147*	399,368*	431,785*
Near East and Africa.....	66,571*	186,820*	361,048*	446,976*	108,587*	149,684*	405,244*	422,724*
Far East.....	414,741*	255,562*	404,534*	516,147*	300,028*	385,581*	627,454*	655,589*
Oceania.....	70,819*	57,855*	84,994*	125,275*	22,065*	16,145*	20,925*	25,846*
Latin America.....	71,659*	179,360*	160,031*	311,451*	49,796*	161,013*	104,822*	160,316*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unadjusted for shipping charges.

<sup>b</sup> Organization for Economic Cooperation and Development.

<sup>c</sup> Although the totals for the Sino-Soviet Bloc include North Korea, North Vietnam, and Mongolia, data on trade with these countries are not shown for individual reporting areas.

SECRET

Table 150  
Trade of the Sino-Soviet Bloc with the Free World  
Selected Years, 1950-61, and 1965 Plan

Country	Imports					Exports					Total Trade					
	1950	1960	1961	1965 Plan <sup>a</sup>	1950	1960	1961	1965 Plan <sup>a</sup>	1950	1960	1961	1965 Plan <sup>a</sup>	1950	1960	1961	1965 Plan <sup>a</sup>
	Million Current US \$	Million Current US \$	Million Current US \$	Million Current US \$	Million Current US \$	Million Current US \$	Million Current US \$	Million Current US \$	Million Current US \$	Million Current US \$	Million Current US \$	Million Current US \$	Million Current US \$			
USSR.....	320*	1,808*	N.A.	N.A.	294*	1,480*	N.A.	N.A.	614*	3,287*	3,600* <sup>b</sup>	N.A.	614*	3,287*	3,600* <sup>b</sup>	N.A.
Communist China <sup>b</sup> .....	425	835	950	N.A.	440	660	655	N.A.	865	1,495	1,605	N.A.	865	1,495	1,605	N.A.
North Korea.....	N.A.	6	N.A.	N.A.	N.A.	6	N.A.	N.A.	N.A.	12	N.A.	N.A.	N.A.	12	N.A.	N.A.
North Vietnam.....	N.A.	10	N.A.	N.A.	N.A.	15	N.A.	N.A.	N.A.	25	N.A.	N.A.	N.A.	25	N.A.	N.A.
Albania.....	Negl.	5* <sup>b</sup>	N.A.	N.A.	Negl.	1* <sup>b</sup>	N.A.	N.A.	Negl.	6* <sup>b</sup>	N.A.	N.A.	Negl.	6* <sup>b</sup>	N.A.	N.A.
Bulgaria.....	N.A.	113*	N.A.	N.A.	N.A.	101*	N.A.	N.A.	N.A.	214*	N.A.	N.A.	N.A.	214*	N.A.	N.A.
Czechoslovakia.....	N.A.	548*	674*	N.A.	N.A.	569*	651*	N.A.	N.A.	1,117*	1,325*	N.A.	N.A.	1,117*	1,325*	N.A.
East Germany.....	113*	610*	N.A.	730*	129*	567*	N.A.	880*	242*	1,177*	N.A.	N.A.	242*	1,177*	N.A.	1,610*
Hungary.....	137*	330*	N.A.	N.A.	112*	296*	N.A.	N.A.	249*	625*	N.A.	N.A.	249*	625*	N.A.	770*
Poland.....	N.A.	571*	696	N.A.	N.A.	536*	614	N.A.	534*	1,107*	1,310	N.A.	534*	1,107*	1,310	1,400*
Rumania.....	N.A.	179*	N.A.	N.A.	N.A.	202*	N.A.	N.A.	N.A.	381*	N.A.	N.A.	N.A.	381*	N.A.	720*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Estimated trade for 1965.

<sup>b</sup> Estimated data.

Table 151

US Government Economic Aid and Sino-Soviet Bloc Aid to  
Selected Countries of the Free World  
1 July 1955-31 December 1961

Million Current US \$

Recipient Country	US <sup>a</sup>		Sino-Soviet Bloc <sup>b</sup>	
	Economic Aid	Economic Aid <sup>c</sup>	Military Aid <sup>d</sup>	Total
Total.....	9,750*	4,430*	2,290	6,720
Afghanistan.....	138*	400*	120	520
Algeria (FLN).....			10	10
Argentina.....	360*	104*		104*
Brazil.....	961*	4*		4*
Burma.....	68*	93*		93*
Cambodia.....	195*	65*		65*
Ceylon.....	77*	58*		58*
Cuba.....	20*	357*	100*	457*
Cyprus.....		1*		1*
Ethiopia.....	115*	114*		114*
Ghana.....	35*	182*	<i>Negl.*</i>	182*
Guinea.....	4*	110*	3*	113*
Iceland.....	35*	5*		5*
India.....	2,726*	831*	20	851
Indonesia.....	308*	644*	840	1,484
Iran.....	411*	6*		6*
Iraq.....	13*	216*	360	576
Mali.....	2*	65*	2*	67*
Morocco.....	310*		4*	4*
Nepal.....	40*	55*		55*
Pakistan.....	1,329*	33*		33*
Somali Republic.....	15*	63*		63*
Sudan.....	64*	22*	<i>Negl.*</i>	22*
Syrian Arab Republic.....	69*	178*	250	428
Tunisia.....	267*	46*		46*
Turkey.....	980*	12*		12*
United Arab Republic.....	394*	612* <sup>e</sup>	550	1,162 <sup>e</sup>
Yemen.....	19*	44*	30	74
Yugoslavia.....	794*	111* <sup>f</sup>		111* <sup>f</sup>

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Including economic and technical assistance and defense support obligations under the Mutual Security Program, PL 480 funds earmarked for country use, Development Loan Fund approvals, and authorized long-term Export-Import Bank loans.

<sup>b</sup> Data reflect extensions, not actual drawings.

<sup>c</sup> Including credits and grants.

<sup>d</sup> Including credits, discounts, and grants.

<sup>e</sup> Excluding some US \$12 million in credits from Czechoslovakia and East Germany that has expired.

<sup>f</sup> Excluding some US \$350 million in Bloc credits extended in 1956 and either canceled or allowed to expire.

Table 152  
 Foreign Exchange Rates for Currencies of the Sino-Soviet Bloc <sup>a</sup>  
 1962

Country	Unit of Currency	Rate of Exchange			
		In Terms of US \$1		In Terms of 1 Ruble	
		Commercial Rate <sup>b</sup>	Noncommercial Rate <sup>c</sup>	Commercial Rate <sup>d</sup>	Noncommercial Rate <sup>e</sup>
USSR	Ruble	0.90*			
Communist China	Yuan	2.50* <sup>f</sup> 4.00* <sup>f</sup>	2.50* <sup>g</sup>	N.A.	1.667* <sup>h</sup>
North Korea	Won	2.57* <sup>i</sup>	2.57* <sup>i</sup>	N.A.	1.745* <sup>h</sup>
North Vietnam	Dong	4.00* <sup>j</sup>	4.00* <sup>j</sup>	N.A.	3.08* <sup>h</sup>
Albania	Lek	50*	150*	55.56* <sup>1</sup>	100*
Bulgaria	Lev	1.17*	1.17*	1.3*	0.89*
Czechoslovakia	Koruna	7.2*	14.34*	8.0*	11.6*
East Germany	Mark	4.2* <sup>k</sup>	4.2*	4.67* <sup>1</sup>	3.9*
Hungary	Forint	11.74*	23.48*	13.04*	14.0*
Poland	Zloty	4*	24*	4.44*	15.0*
Rumania	Leu	6*	15*	6.67*	9.7*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Rates of exchange are as of 1 January 1962.

<sup>b</sup> Official rate unless otherwise indicated. Usually the official rate is a result of the legal definition of the currency in terms of gold and may not represent internal purchasing power. This rate, however, usually is reliable for converting trade statistics.

<sup>c</sup> Tourist rates for Free World currencies. These series of rates are inconsistent with the intra-Bloc series.

<sup>d</sup> Official rate unless otherwise indicated. Usually the official rate is a result of the legal definition of the currency in terms of gold and may not represent internal purchasing power.

<sup>e</sup> An intra-Bloc series of rates that probably represents internal purchasing power for travelers and embassy personnel.

<sup>f</sup> Generally accepted conversion rates, with the rate of 2.5 being used in Free World trade and the rate of 4.0 in Bloc trade. As official rates have never been announced by Communist China, these conversion rates have been estimated and therefore represent only approximations to actual rates.

<sup>g</sup> An approximate rate. Actual rates vary depending on the transaction involved and the currency being traded. Actual rates also appear to change from time to time.

<sup>h</sup> Estimate.

<sup>i</sup> A bank rate. North Korea has not announced an official relationship between the won and Free World currencies. This rate probably is used for noncommercial transactions.

<sup>j</sup> An unofficial rate that has been announced in the North Vietnamese press as the relationship of North Vietnamese currency to dollars. This rate probably applies also to noncommercial transactions.

<sup>k</sup> Beginning in 1959, this rate of exchange has been employed in quoting commercial trade totals. The officially announced commercial rate of exchange of 2.22 Deutsche Mark East (East German Marks) to US \$1 is no longer in use.

<sup>1</sup> This is the rate of exchange actually used in East German accounting of foreign trade transactions. The officially announced commercial rate of exchange of 2.47 Deutsche Mark East to 1 ruble is no longer in use. See footnote k, above.

Table 153  
 Construction of Naval Ships <sup>a</sup> in the Sino-Soviet Bloc  
 Selected Years, 1950-61

Country	Thousand Light Ship Displacement Tons <sup>b</sup>				
	1950	1955	1958	1960	1961
Sino-Soviet Bloc.....	<b>64.8</b>	<b>145</b>	<b>79.0</b>	<b>122</b>	<b>102</b>
USSR.....	64.6	137.2	61.5	110.5	98.2
Communist China.....	0.2	1.5	9.7	8.3	2.1
European Satellites.....	<b>Negl.</b>	<b>6.3</b>	<b>7.8</b>	<b>3.6</b>	<b>1.7</b>
East Germany.....	<i>Negl.</i>	4.5	4.2	0.6	0.4
Poland.....	<i>Negl.</i>	1.8	3.6	3.0	1.3

<sup>a</sup> Data refer to major and minor combatant types and exclude naval auxiliaries.

<sup>b</sup> Light ship displacement is the weight of the ship complete, ready for service in every respect, including permanent ballast and liquids in the machinery at operating levels but excluding the crew and their effects and any items of consumable or variable load such as stores, fuel, and cargo.

Table 154  
Inventory of Naval Ships, by Type <sup>a</sup>  
as of January 1962

Country	Surface Ships						Sub-marines
	Aircraft Carriers	Battle-Ships	Cruisers	Destroy-ers	Patrol Ships	Mine Ships	
NATO <sup>b</sup> .....	<b>36</b>	<b>8</b>	<b>56</b>	<b>621</b>	<b>619</b>	<b>883</b>	<b>262</b>
US.....	26	8	43	371	295	203	154
Belgium.....	0	0	0	0	0	52	0
Canada.....	1	0	0	25	21	10	1
Denmark.....	0	0	0	2	30	27	3
France.....	3	0	2	47	36	112	19
Greece.....	0	0	0	10	14	18	2
Italy.....	0	0	2	15	52	94	6
Netherlands.....	1	0	2	20	12	65	6
Norway.....	0	0	0	8	24	19	8
Portugal.....	0	0	0	6	24	16	3
Turkey.....	0	0	0	9	18	26	10
UK.....	5	0	7	100	40	187	47
West Germany.....	0	0	0	8	53	54	3
Sino-Soviet Bloc.....	<b>0</b>	<b>0</b>	<b>21</b>	<b>204</b>	<b>1,585</b>	<b>667</b>	<b>429</b>
USSR.....	0	0	21	183	1,079	453	388
Communist China.....	0	0	0	8	249	38	24
North Korea.....	0	0	0	0	37	22	0
North Vietnam.....	0	0	0	0	49	4	0
European Satellites.....	<b>0</b>	<b>0</b>	<b>0</b>	<b>13</b>	<b>171</b>	<b>150</b>	<b>17</b>
Albania.....	0	0	0	0	18	11	4
Bulgaria.....	0	0	0	3	24	19	5
East Germany.....	0	0	0	4	51	54	0
Poland.....	0	0	0	3	45	32	7
Rumania.....	0	0	0	3	33	34	1
Cuba.....	0	0	0	0	6	0	0

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<sup>b</sup> Including active and reserve fleets. Escort ships (DE) have been reclassified as principal combatant ships and have been entered as destroyers rather than as patrol ships.

Table 155  
Production of Aircraft, by Type <sup>a</sup>  
1960 and 1961

Country	Units							
	Bombers		Fighters		Transports		Others <sup>b</sup>	
	1960	1961	1960	1961	1960	1961	1960	1961
NATO.....	<b>612</b>	<b>525</b>	<b>850</b>	<b>556</b>	<b>588</b>	<b>484</b>	<b>10,056</b>	<b>9,038</b>
US.....	504	440	637	362	389	301	8,842	7,950
Belgium.....	0	0	0	0	0	0	12	12
Canada.....	28	0	0	26	14	32	46	0
France.....	48	43	12	75	54	45	568	450
Italy.....	0	0	25	10	0	0	108	228
Netherlands.....	0	0	0	0	20	29	3	8
Portugal.....	0	0	0	0	0	0	12	1
UK.....	32	42	176	79	45	59	254	288
West Germany.....	0	0	0	4	66	18	211	101
Sino-Soviet Bloc.....	<b>55</b>	<b>60</b>	<b>845</b>	<b>765</b>	<b>347</b>	<b>245</b>	<b>3,180</b>	<b>2,880</b>
USSR.....	55	60	520	590	302	245	2,165	1,870
Communist China.....	0	0	55	85	0	0	165	100
European Satellites.....	<b>0</b>	<b>0</b>	<b>270</b>	<b>90</b>	<b>45</b>	<b>0</b>	<b>850</b>	<b>910</b>
Czechoslovakia.....	0	0	0	0	45	0	570	550
Poland.....	0	0	270	90	0	0	270	320
Rumania.....	0	0	0	0	0	0	10	40

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<sup>b</sup> Including aircraft types such as trainers, communication/utility, helicopters, and reconnaissance.

Table 156  
 Production of Tanks and Assault Guns in the Sino-Soviet Bloc, by Type <sup>a</sup>  
 1960 and 1961

Country	Units									
	Amphibious Tanks		Medium Tanks		Heavy Tanks		Medium Assault Guns		Heavy Assault Guns	
	1960	1961	1960	1961	1960	1961	1960	1961	1960	1961
Sino-Soviet Bloc.....	500	500	5,250	1,550	500	300	0	0	0	0
USSR.....	500	500	4,000	0	500	300	0	0	0	0
Communist China....	0	0	500	800	0	0	0	0	0	0
European Satellites....	0	0	750	750	0	0	0	0	0	0
Czechoslovakia.....	0	0	400	400	0	0	0	0	0	0
Poland.....	0	0	350	350	0	0	0	0	0	0

<sup>a</sup> Source: Army, ACSI, SECRET.

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Acid, sulfuric	85	Chlorine	90
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Agriculture and processed foods	65-81	Coal, hard	35
Aid, economic	147	Coal, brown and lignite	36
Aid, military	147	Coal, standard fuel	34
Aircraft, inventory of	122	Cobalt	53
Aircraft, production of	151	Coffee, green	13
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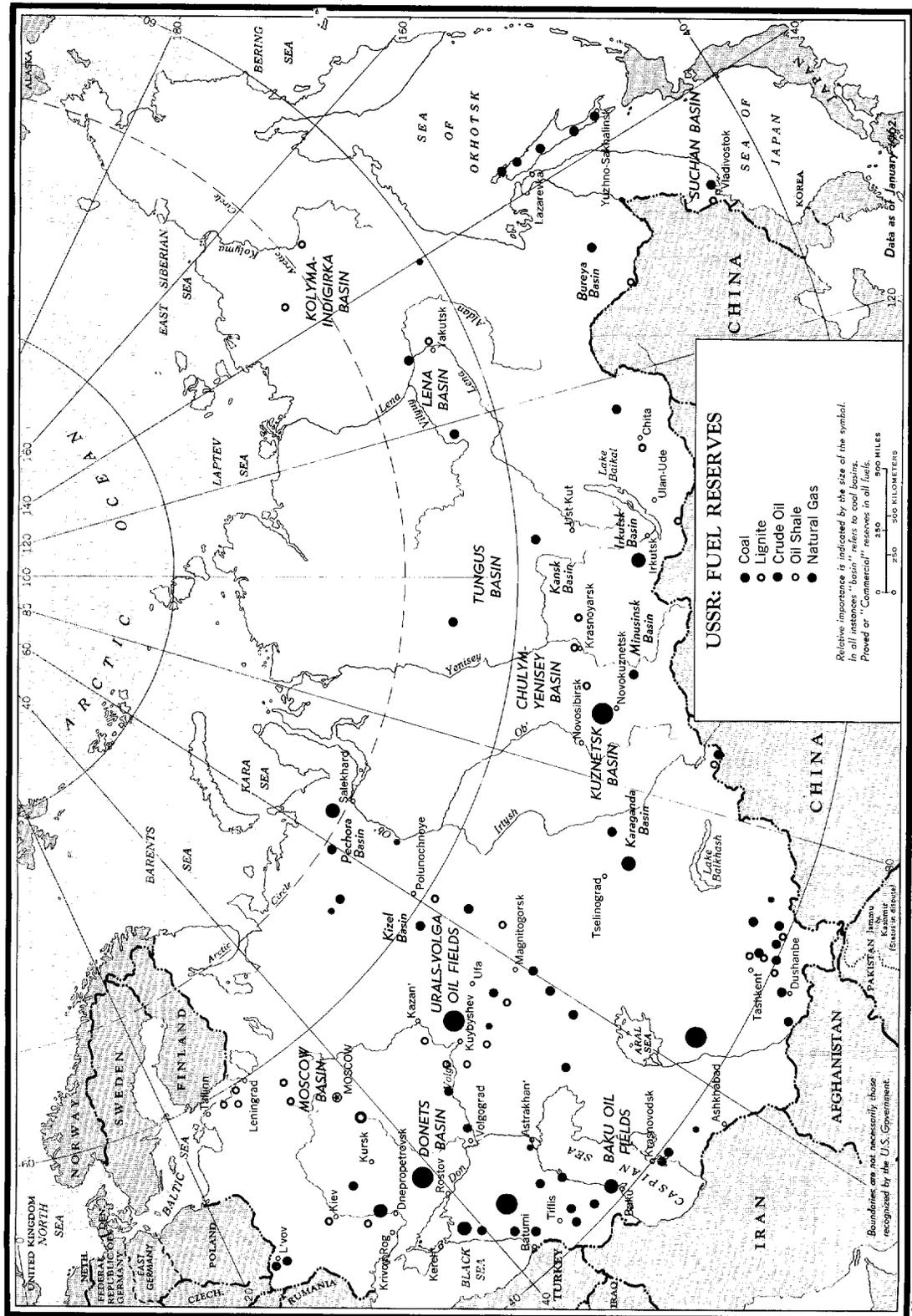
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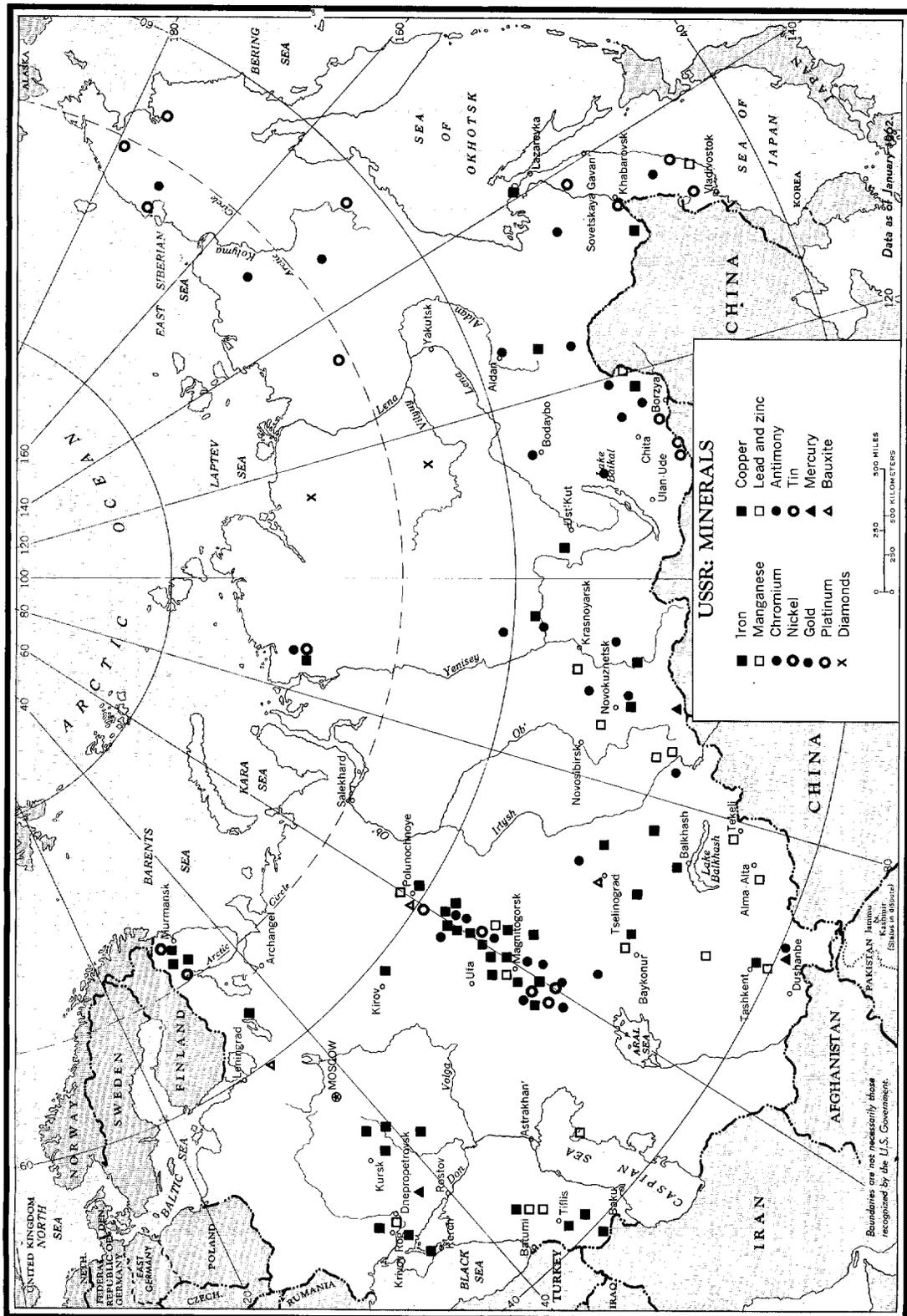
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Electric equipment	95-96	Gross national product	1
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Electronic equipment and compo- nents	97-98	Guns, assault	152
Employment, agricultural	30	Hard coal	35
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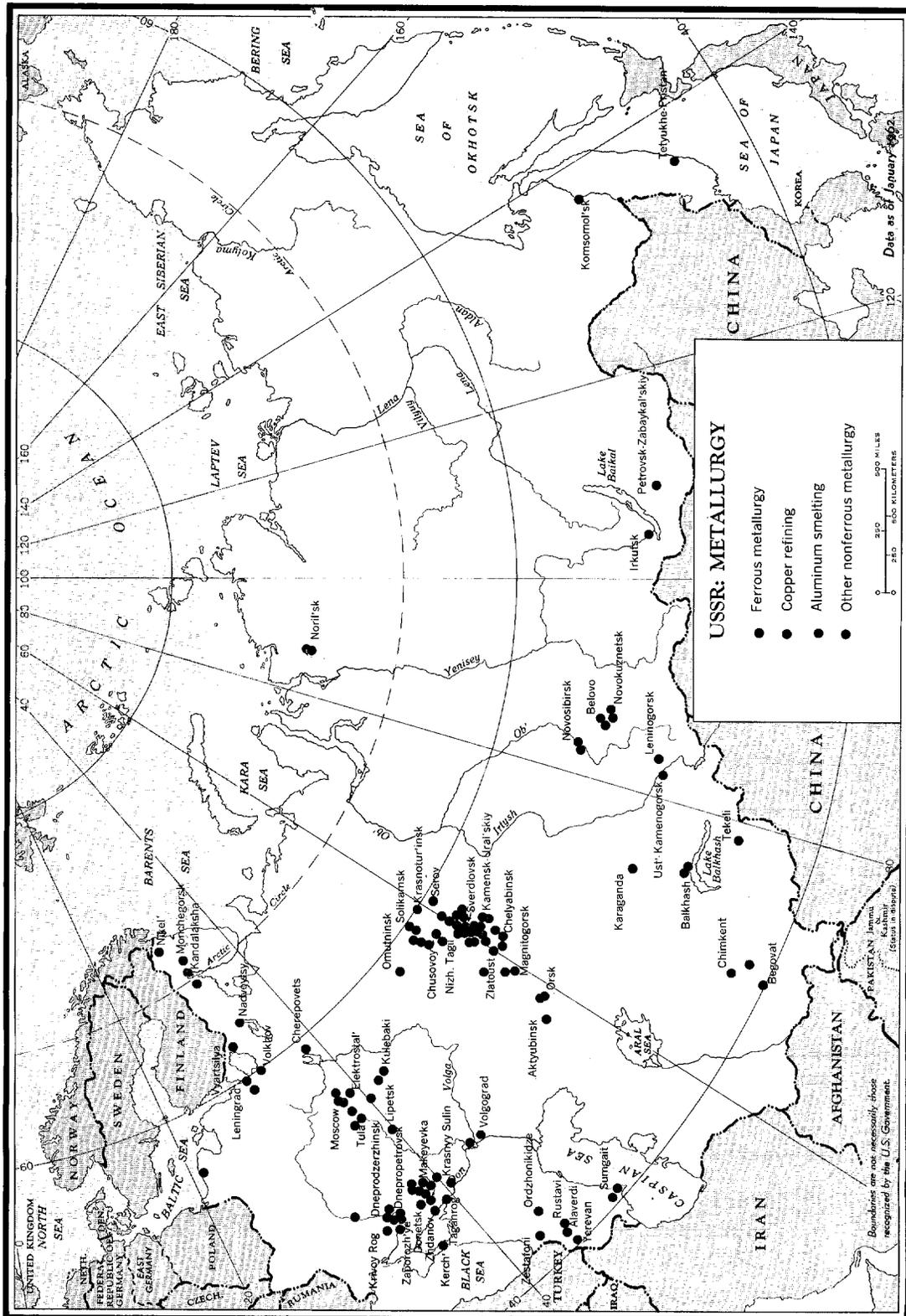
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Lubricating oils	44	Ore, manganese	49
Machine tools, metalcutting	99	Ore, tungsten	54
Machine tools, metalforming	100	Other grains	68
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Mainline freight cars, inventory of	125	Petroleum products, total	40
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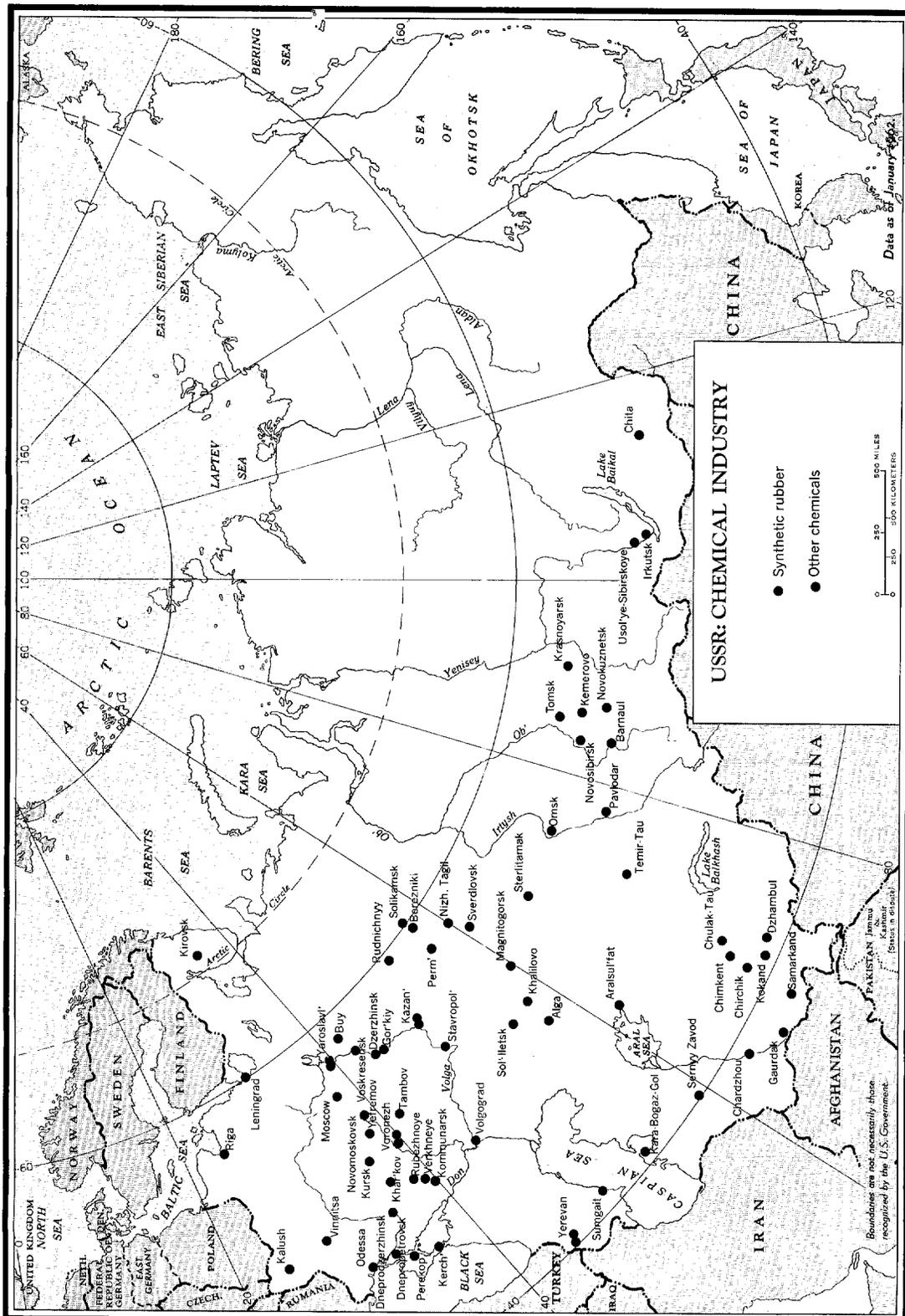
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Television receivers, inventory of	136	Wool fabric, consumption of	27
Television receivers, production of	98	Woolen yarn	83
Telegraph (TELEX) network, subscribers	140	Yarn, cotton	82
Textile fabric	8	Yarn, rayon and synthetic fibers	84
Tin metal, primary	60	Railroad freight cars, production of	110
Tires, rubber	94	Railroad freight traffic	114, 115
Tobacco	13	Rates, foreign exchange	148
Total grain	66	Rayon yarn and synthetic fibers	84
Total housing construction	130	Receivers, radio, inventory of	133
Tools, metalcutting machine	99	Receivers, radio, production of	97
Tools, metalforming machine	100	Receivers, television, inventory of	136
Tractors	103	Receivers, television, production of	98
Tractor moldboard plows	104	Refined benzol	92
Trade, foreign	142-146	Refined copper	55
Trade, intra-Bloc	143	Refined nickel	50
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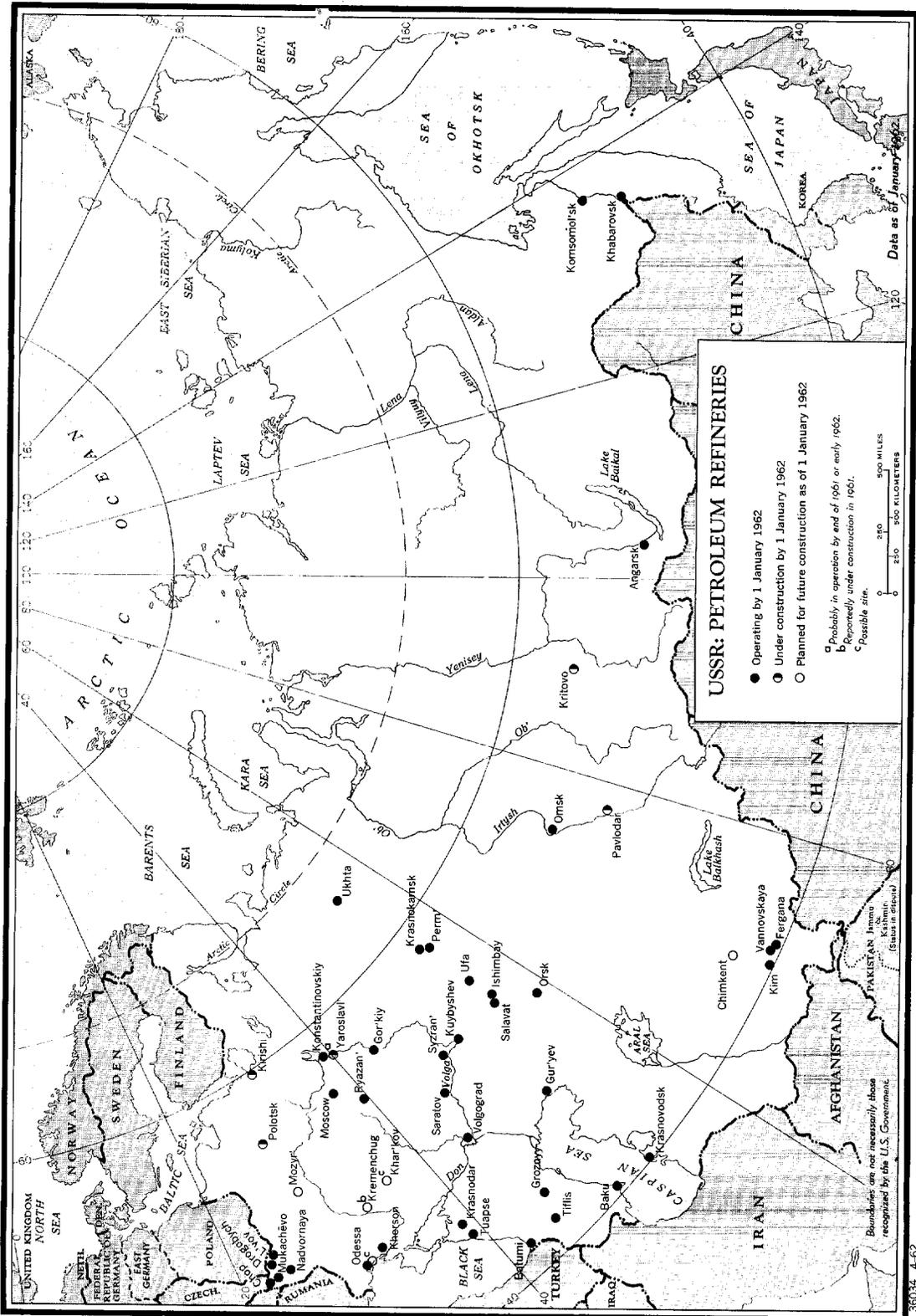


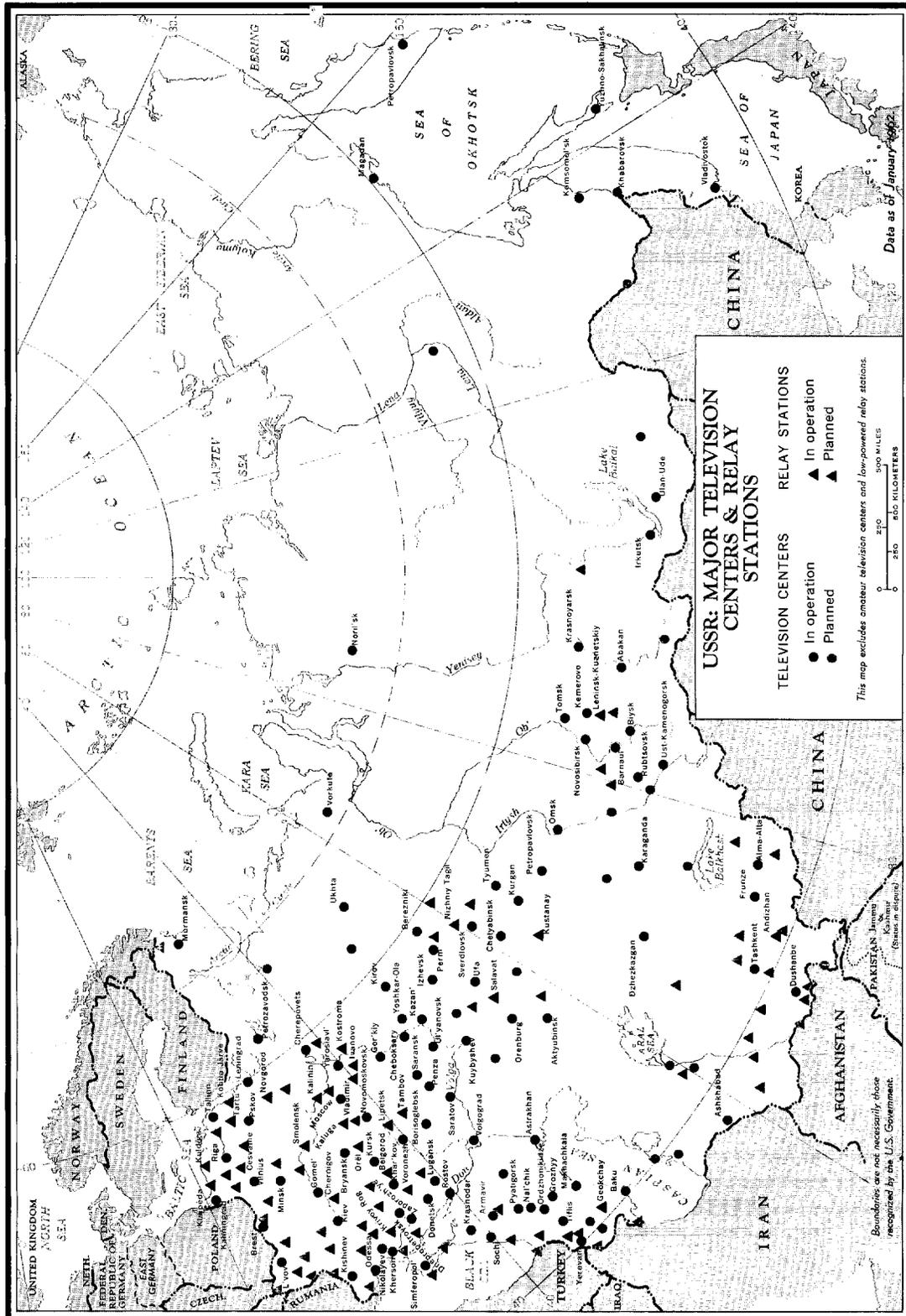




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